

MIL Spec MIL-I-46852 / A-A-59163 Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape

500°F / 260°C: FlameShield™ Self Binding / Self-Fusing / Self Amalgamating Tape -
High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating tape. No residue when removed. Starts fusing within minutes; fully bonded within hours. Excellent cold temperature performance. Low water absorption.
- Tested to:
 - ASTM D 149; provides minimum 400 V/mil. for .010" to .030" thick tape, 300 V/mil for .040" thick tape and 250 V/mil for .060" thick tape.
 - ASTM D 412; provides minimum 700 psi tensile strength and minimum 300% elongation.
 - ASTM D 2240; Durometer (Shore A); 55. Other test data available.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852, AA59163 and ABS 5334 specifications. Certificate of Conformity available.
- Cross Reference Equivalents Available to MOX 600R and 600T levelwrap series; 602-1, 603-1, 604-1, 605-1, 606-1, 607-1. McDonnell Douglas / Boeing DMS-2186 Type I & II, McDonnell Douglas Helicopter HS5215, General Dynamics P5384, Martin Marietta MMS 517-6 Type II, McDonnell Douglas P.S. 17115, ST0130RB0078 Type I, 3003M70P01, MS70T09-S, WS1363A, Premier Farnell 810112, Safe Flight 59562-5, PLYSIL3455, TYT200-1, 66N, 67N and various NATO / National Stock Numbers (NSN).
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Type II tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing wire and cable splices and joints with an almost totally smooth surface (prevents snagging when splice is pulled through obstructions).

FlameShield™ MIL Spec High Temperature Silicone Self Fusing Compression/Stretch Electrical Insulating Tape Meets MIL-I-46852 / A-A-59163 / ABS 5334 Specifications - Type I and Type II				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Color / Type / Profile	Single Roll Price Per Roll
T-SR-M013-08-RBK-20	1/2 / 12.7	0.020 / 0.508	Black / I / Rectangular	\$ 29.37
T-SR-M013-08-RXX-30	1/2 / 12.7	0.030 / 0.760	Black or Red / I / Rectangular	\$ 37.16
T-SR-M016-10-RBK-20	5/8 / 15.7	0.020 / 0.508	Black / I / Rectangular	\$ 30.17
T-SR-M019-12-RBK-20	3/4 / 19	0.020 / 0.508	Black / I / Rectangular	\$ 31.96
T-SR-M025-16-RXX-10	1 / 25.4	0.010 / 0.250	Black or Red / I / Rectangular	\$ 29.37
T-SR-M025-16-TXX-20	1 / 25.4	0.020 / 0.508	Black or Red / II / Triangular	\$ 33.80
T-SR-M025-16-RXX-20	1 / 25.4	0.020 / 0.508	Black or Red / I / Rectangular	\$ 34.71
T-SR-M025-16-TXX-40	1 / 25.4	0.040 / 1.000	Black or Red / II / Triangular	\$ 37.91
T-SR-M025-16-RXX-40	1 / 25.4	0.040 / 1.000	Black or Red / I / Rectangular	\$ 39.64
T-SR-M038-24-RXX-20	1 1/2 / 38.1	0.020 / 0.508	Black or Red / I / Rectangular	\$ 48.77
T-SR-M038-24-RXX-12	1 1/2 / 38.1	0.012 / 0.304	Black or Red / I / Rectangular	\$ 38.47
T-SR-M051-32-RXX-20	2 / 50.8	0.020 / 0.508	Black or Red / I / Rectangular	\$ 57.13
T-SR-M051-32-TXX-20	2 / 50.8	0.020 / 0.508	Black or Red / II / Triangular	\$ 48.86
Triangular Type II Tapes Only: .020" has a blue guideline / .040" has a green guideline				

Please enquire for pricing on widths and thicknesses other than those listed above.

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value in the part number (color code): OR = Oxide-Red, BK = Black. Other colors available.
- Certificate of Conformity: Add \$6.00 for individual roll CoFC. Lot/Batch CoFC \$25.00 per order line item.
- Test Report: Add \$75.00 per order line item.

Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Type II tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing wire and cable splices and joints with an almost totally smooth surface (prevents snagging when splice is pulled through obstructions).

FlameShield™ MIL Spec Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape - Technical Data

Specifications for FlameShield™ Silicone Rubber Tape (MIL-I-46852 & A-A-59163) Class 1 – Type I and Type II			
Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape 1.5" wide tape 2.0" wide tape	.010" .020" .030" .040" .020" .020"	+/- .002"	N/A
Width	0.50", 0.75", 1.00", 1.50", 2.00"	+/- .020"	N/A
Length	36 feet / 12 yards / 10.9m	+/- 6.00"	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color (Type II)	.020" Tapes: Blue .030" Tapes: White .040" Tapes: Green	N/A	N/A
Operating Temperature	-60°C to +260°C -76°C to +500°F	N/A	N/A
Brittle Temperature	-65°C / -85°F	N/A	N/A
Interleave Material	.002" thick Mylar	N/A	N/A
Tensile Strength	700 psi (minimum)	1100	ASTM D412 / D119
Dielectric Strength	.020" Tape: 400 V/mm .030" Tape: 400 V/mm .040" Tape: 300 V/mm	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	1×10^{14} ohms/cm ³	3×10^{14}	ASTM D149
Elongation	300% (minimum)	700	ASTM D412 / D119
Tear Strength	85 psi (minimum)	146	ASTM D624
Bond Strength (1" Width)	2 lbs (minimum)	5.5	ASTM D2148
Adhesion	Shall not unwind more than 1.0" after 3 minutes with 600g load	0.12"	ASTM D2148
Inclined Mandrel Tack Test (inch)		0.25	ASTM D2148
Water absorption (by wt)	3% Maximum	0.9%	FED-STD-601 Method 6251
Dissipation Factor		<0.0004 @ 1 Khz	ASTM D150
Hardness, durometer Shore A	55 - 65	55	ASTM D2148 / D2240
Flame Test		Pass	FAA 60 Sec Vertical

MIL-I-46852-1I0010 / MIL-I-46852-1I0020 / MIL-I-46852-1I0030

MIL-I-46852-1I0040

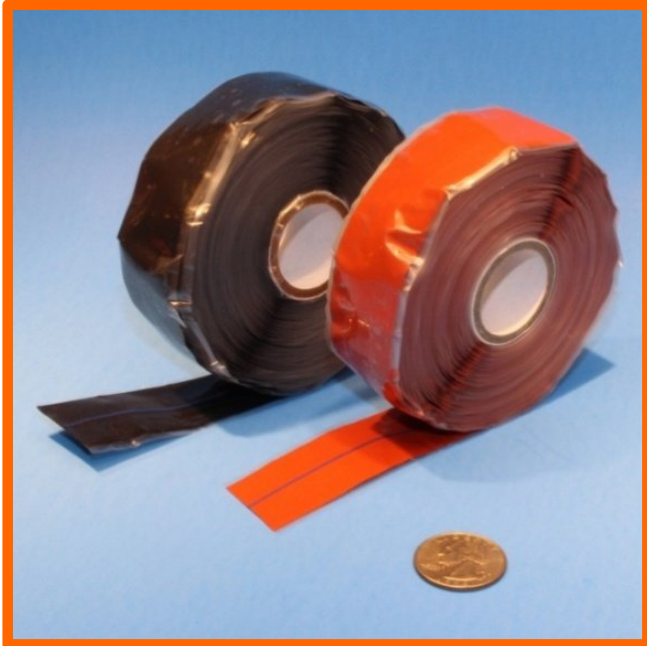
Class 1 - Type I

MIL-I-46852-1II0020 / MIL-I-46852-1II0030 / MIL-I-46852-1II0040

Class 1 - Type II

Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ Self Binding / Self-Fusing / Self Amalgamating Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating tape. No residue when removed. Starts fusing within minutes; fully bonded within hours. Excellent cold temperature performance. Low water absorption.
- Tested to:
 - ASTM D 149; provides minimum 400 V/mil. for .010" to .030" thick tape, 300 V/mil for .040" thick tape and 250 V/mil for .060" thick tape.
 - ASTM D 412; provides minimum 700 psi tensile strength and minimum 300% elongation.
 - ASTM D 2240; Durometer (Shore A); 55. Other test data available.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852, AA59163 and ABS 5334 specifications. Certificate of Conformity available.
- Cross Reference Equivalents Available to MOX 600R and 600T levelwrap series; 602-1, 603-1, 604-1, 605-1, 606-1, 607-1. McDonnell Douglas / Boeing DMS-2186 Type I & II, McDonnell Douglas Helicopter HS5215, General Dynamics P5384, Martin Marietta MMS 517-6 Type II, McDonnell Douglas P.S. 17115, ST0130RB0078 Type I, 3003M70P01, MS70T09-S, WS1363A, Premier Farnell 810112, Safe Flight 59562-5, PLYSIL3455, TYT200-1, 66N, 67N and various NATO / National Stock Numbers (NSN).
- Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Type II tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing wire and cable splices and joints with an almost totally smooth surface (prevents snagging when splice is pulled through obstructions).

FlameShield™ MIL-I-46852 Specification High Temperature Silicone Self Fusing Compression/Stretch Electrical Insulating Tape

**MIL-I-46852-1I0020 / MIL-I-46852-1II0020 / MIL-I-46852-1I0030 / MIL-I-46852-1II0030
MIL-I-46852-1I0040 / MIL-I-46852-1II0040**

Class 1 – Type I and Class 1 - Type II

Part Number	Tape Width Inches	Thickness inches	Color / Type / Profile	Price Per Roll
MIL-I-46852-1I0020-RBK-0.50	½"	0.020"	Black / Type I / Rectangular	\$ 29.37
MIL-I-46852-1I0030-RXX-0.50	½"	0.030"	Black or Red / Type I / Rectangular	\$ 37.16
MIL-I-46852-1I0020-RBK-0.62	5/8"	0.020"	Black / Type I / Rectangular	\$ 30.17
MIL-I-46852-1I0020-RBK-0.75	¾"	0.020"	Black / Type I / Rectangular	\$ 31.96
MIL-I-46852-1I0010-RXX-1.00	1"	0.010"	Black or Red / Type I / Rectangular	\$ 29.37
MIL-I-46852-1II0020-TXX-1.00	1"	0.020"	Black or Red / Type II / Triangular	\$ 33.80
MIL-I-46852-1I0020-RXX-1.00	1"	0.020"	Black or Red / Type I / Rectangular	\$ 34.71
MIL-I-46852-1II0040-TXX-1.00	1"	0.040"	Black or Red / Type II / Triangular	\$ 37.91
MIL-I-46852-1I0040-RXX-1.00	1"	0.040"	Black or Red / Type I / Rectangular	\$ 39.64
MIL-I-46852-1I0020-RXX-1.50	1 ½"	0.020"	Black or Red / Type I / Rectangular	\$ 48.77
MIL-I-46852-1I0012-RXX-1.50	1 ½"	0.012"	Black or Red / Type I / Rectangular	\$ 38.47
MIL-I-46852-1I0020-RXX-2.00	2"	0.020"	Black or Red / Type I / Rectangular	\$ 57.13
MIL-I-46852-1I0020-TXX-2.00	2"	0.020"	Black or Red / Type II / Triangular	\$ 48.86

Guideline Color on Type II Triangular Tapes Only: .020" = blue / .030" = white / .040" = green

Type II edge thickness is .008" +/- .001"

Please enquire for pricing on widths and thicknesses other than those listed above.

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black. Other colors available.
- Certificate of Conformity: Add \$6.00 for individual roll CofC. Lot/Batch CofC \$25.00 per order line item.
- Test Report: Add \$75.00 per order line item.

Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

FlameShield™ MIL-I-46852 Specification Silicone Rubber Self Fusing Electrical Insulating Tape - Technical Data

Specifications for FlameShield™ Silicone Rubber Tape meeting MIL-I-46852 Class 1 – Type I and Type II			
Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape	.010" .020" .030" .040"	+/- .002"	N/A
Width	0.50", 0.625", 0.75", 1.00", 1.50", 2.00"	+/- .020"	N/A
Length	36 feet / 12 yards	+/- 6.00"	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color (Type II)	.020" Tapes: Blue .030" Tapes: White .040" Tapes: Green	N/A	N/A
Operating Temperature	-60°C to +260°C -76°C to +500°F	N/A	N/A
Brittle Temperature	-65°C / -85°F	N/A	N/A
Interleave Material	.002" thick Mylar	N/A	N/A
Tensile Strength	700 psi (minimum)	1100	ASTM D412 / D119
Dielectric Strength	.010" tape: 400 V/mil .020" tape: 400 V/mil .030" tape: 400 V/mil .040" tape: 300 V/mil	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	1×10^{14} ohms/cm ³	3×10^{14}	ASTM D149
Elongation	300% (minimum)	700	ASTM D412 / D119
Tear Strength	85 psi (minimum)	146	ASTM D624
Bond Strength (1" Width)	2 lbs (minimum)	5.5	ASTM D2148
Adhesion	Shall not unwind more than 1.0" after 3 minutes with 600g load	0.12"	ASTM D2148
Inclined Mandrel Tack Test (inch)		0.25	ASTM D2148
Water absorption (by wt)	3% Maximum	0.9%	FED-STD-601 Method 6251
Dissipation Factor		<0.0004 @ 1 Khz	ASTM D150
Hardness, durometer Shore A	55 - 65	55	ASTM D2148 / D2240
Flame Test		Pass	FAA 60 Sec Vertical

AA59163-1I0010 / AA59163-1I0020 / AA59163-1I0030 / AA59163-1I0040

Class 1 - Type I

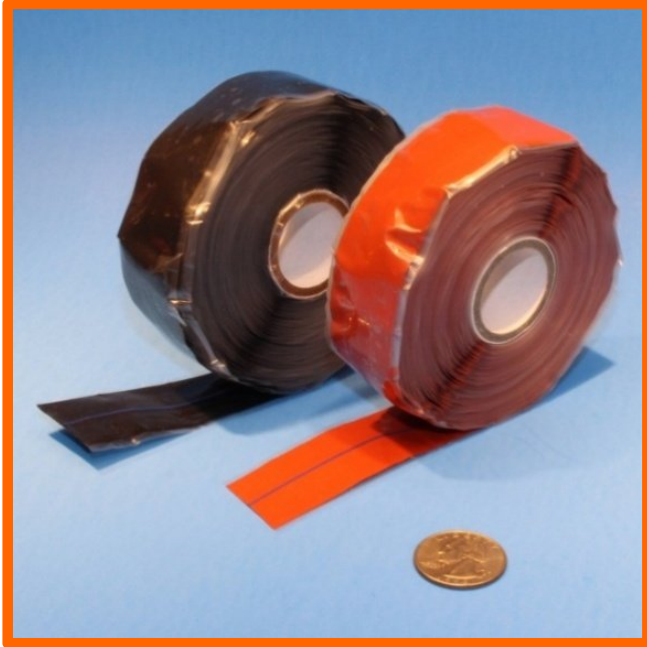
AA59163-1II0020 / AA59163-1II0030 / AA59163-1II0040

Class 1 - Type II

Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ Self Bonding / Self-Fusing / Self Amalgamating Tape -

High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating tape. No residue when removed. Starts fusing within minutes; fully bonded within hours. Excellent cold temperature performance. Low water absorption.
- Tested to:
 - ASTM D 149; provides minimum 400 V/mil. for .010" to .030" thick tape, 300 V/mil for .040" thick tape and 250 V/mil for .060" thick tape.
 - ASTM D 412; provides minimum 700 psi tensile strength and minimum 300% elongation.
 - ASTM D 2240; Durometer (Shore A); 55. Other test data available.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852, AA59163 and ABS 5334 specifications. Certificate of Conformity available.
- Cross Reference Equivalents Available to MOX 600R and 600T levelwrap series; 602-1, 603-1, 604-1, 605-1, 606-1, 607-1. McDonnell Douglas / Boeing DMS-2186 Type I & II, McDonnell Douglas Helicopter HS5215, General Dynamics P5384, Martin Marietta MMS 517-6 Type II, McDonnell Douglas P.S. 17115, ST0130RB0078 Type I, 3003M70P01, MS70T09-S, WS1363A, Premier Farnell 810112, Safe Flight 59562-5, PLYSIL3455, TYT200-1, 66N, 67N and various NATO / National Stock Numbers (NSN).
- Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

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Type II tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing wire and cable splices and joints with an almost totally smooth surface (prevents snagging when splice is pulled through obstructions).

FlameShield™ CID AA-59163 Specification

High Temperature Silicone Self Fusing Compression/Stretch Electrical Insulating Tape

**AA59163-1I0020 / AA59163-1II0020 / AA59163-1I0030 / AA59163-1II0030
AA59163-1I0040 / AA59163-1II0040**

Class 1 – Type I and Class 1 - Type II

Part Number	Tape Width Inches	Thickness inches	Color / Type / Profile	Single Roll Price Per Roll
AA59163-1I0020-RBK-0.50	½"	0.020"	Black / Type I / Rectangular	\$ 29.37
AA59163-1I0030-RXX-0.50	½"	0.030"	Black or Red / Type I / Rectangular	\$ 37.16
AA59163-1I0020-RBK-0.62	5/8"	0.020"	Black / Type I / Rectangular	\$ 30.17
AA59163-1I0020-RBK-0.75	¾"	0.020"	Black / Type I / Rectangular	\$ 31.96
AA59163-1I0010-RXX-1.00	1"	0.010"	Black or Red / Type I / Rectangular	\$ 29.37
AA59163-1II0020-TXX-1.00	1"	0.020"	Black or Red / Type II / Triangular	\$ 33.80
AA59163-1I0020-RXX-1.00	1"	0.020"	Black or Red / Type I / Rectangular	\$ 34.71
AA59163-1II0040-TXX-1.00	1"	0.040"	Black or Red / Type II / Triangular	\$ 37.91
AA59163-1I0040-RXX-1.00	1"	0.040"	Black or Red / Type I / Rectangular	\$ 39.64
AA59163-1I0020-RXX-1.50	1 ½"	0.020"	Black or Red / Type I / Rectangular	\$ 48.77
AA59163-1I0012-RXX-1.50	1 ½"	0.012"	Black or Red / Type I / Rectangular	\$ 38.47
AA59163-1I0020-RXX-2.00	2"	0.020"	Black or Red / Type I / Rectangular	\$ 57.13
AA59163-1I0020-TXX-2.00	2"	0.020"	Black or Red / Type II / Triangular	\$ 48.86

Guideline Color on Type II Triangular Tapes Only: .020" = blue / .030" = white / .040" = green

Type II edge thickness is .008" +/- .001"

Please enquire for pricing on widths and thicknesses other than those listed above.

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black. Other colors available.
- Certificate of Conformity: Add \$6.00 for individual roll CofC. Lot/Batch CofC \$25.00 per order line item.
- Test Report: Add \$75.00 per order line item.

Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

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FlameShield™ CID AA-59163 Specification Silicone Rubber Self Fusing Electrical Insulating Tape - Technical Data

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Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape	.010" .020" .030" .040"	+/- .002"	N/A
Width	0.50", 0.625", 0.75", 1.00", 1.50", 2.00"	+/- .020"	N/A
Length	36 feet / 12 yards	+/- 6.00"	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color (Type II)	.020" Tapes: Blue .030" Tapes: White .040" Tapes: Green	N/A	N/A
Operating Temperature	-60°C to +260°C -76°C to +500°F	N/A	N/A
Brittle Temperature	-65°C / -85°F	N/A	N/A
Interleave Material	.002" thick Mylar	N/A	N/A
Tensile Strength	700 psi (minimum)	1100	ASTM D412 / D119
Dielectric Strength	.010" tape: 400 V/mil .020" tape: 400 V/mil .030" tape: 400 V/mil .040" tape: 300 V/mil	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	1 x 10 ¹⁴ ohms/cm ³	3 x 10 ¹⁴	ASTM D149
Elongation	300% (minimum)	700	ASTM D412 / D119
Tear Strength	85 psi (minimum)	146	ASTM D624
Bond Strength (1" Width)	2 lbs (minimum)	5.5	ASTM D2148
Adhesion	Shall not unwind more than 1.0" after 3 minutes with 600g load	0.12"	ASTM D2148
Inclined Mandrel Tack Test (inch)		0.25	ASTM D2148
Water absorption (by wt)	3% Maximum	0.9%	FED-STD-601 Method 6251
Dissipation Factor		<0.0004 @ 1 Khz	ASTM D150
Hardness, durometer Shore A	55 - 65	55	ASTM D2148 / D2240
Flame Test		Pass	FAA 60 Sec Vertical



AA59163-1I0010 / AA59163-1I0020 / AA59163-1I0020 / AA59163-1I0030

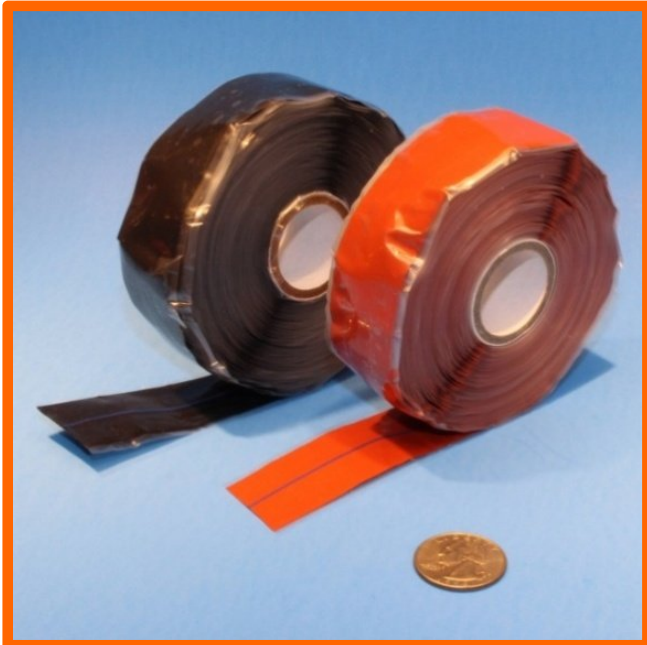
AA59163-1I0030 / AA59163-1I0040 / AA59163-1I0040

Class 2 - Type IM and Class2 - Type IIM

Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ Self Binding / Self-Fusing / Self Amalgamating Tape -

High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating tape. No residue when removed. Starts fusing within minutes; fully bonded within hours. Excellent cold temperature performance. Low water absorption.
- Tested to:
 - ASTM D 149; provides minimum 400 V/mil. for 0.250mm to 0.750mm thick tape, 300 V/mil for 1.000mm thick tape.
 - ASTM D 412; provides minimum 4800 kPa tensile strength and minimum 300% elongation.
 - ASTM D 2240; Durometer (Shore A); 55. Other test data available.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
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- Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Type II tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing wire and cable splices and joints with an almost totally smooth surface (prevents snagging when splice is pulled through obstructions).

FlameShield™ CID AA-59163 Specification

High Temperature Silicone Self Fusing Compression/Stretch Electrical Insulating Tape

**AA59163-1I0020 / AA59163-1I0020 / AA59163-1I0030 / AA59163-1I0030
AA59163-1I0040 / AA59163-1I0040**

Class 2 – Type IM and Class 2 - Type IIM

Part Number	Tape Width mm	Thickness mm	Color / Type / Profile	Single Roll Price Per Roll
AA59163-2IM0500-RBK-13	13	0.500	Black / Type IM / Rectangular	\$ 29.37
AA59163-2IM0750-RXX-13	13	0.750	Black or Red / Type IM / Rectangular	\$ 37.16
AA59163-2IM0500-RBK-15	15	0.500	Black / Type IM / Rectangular	\$ 30.17
AA59163-2IM0500-RBK-20	20	0.500	Black / Type IM / Rectangular	\$ 31.96
AA59163-2IM0250-RXX-25	25	0.250	Black or Red / Type IM / Rectangular	\$ 29.37
AA59163-2IIM0500-TXX-25	25	0.500	Black or Red / Type IIM / Triangular	\$ 33.80
AA59163-2IM0500-RXX-25	25	0.500	Black or Red / Type IM / Rectangular	\$ 34.71
AA59163-2IIM1000-TXX-25	25	1.000	Black or Red / Type IIM / Triangular	\$ 37.91
AA59163-2IM1000-RXX-25	25	1.000	Black or Red / Type IM / Rectangular	\$ 39.64
AA59163-2IM0500-RXX-38	38	0.500	Black or Red / Type IM / Rectangular	\$ 48.77
AA59163-2IM0300-RXX-38	38	0.300	Black or Red / Type IM / Rectangular	\$ 38.47
AA59163-2IM0500-RXX-50	50	0.500	Black or Red / Type IM / Rectangular	\$ 57.13
AA59163-2IIM0500-TXX-50	50	0.500	Black or Red / Type IIM / Triangular	\$ 48.86

Guideline Color on Type IIM Triangular Tapes Only: .500mm = blue / .750mm = white / 1.000mm = green

Type IIM edge thickness is 0.215mm +/- 0.015mm

Please enquire for pricing on widths and thicknesses other than those listed above.

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black. Other colors available.
- Certificate of Conformity: Add \$6.00 for individual roll CoC. Lot/Batch CoC \$25.00 per order line item.
- Test Report: Add \$75.00 per order line item.

Amalgamating time: Room temperature; 24 hours / at 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes. Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

FlameShield™ CID AA-59163 Specification Silicone Rubber Self Fusing Electrical Insulating Tape - Technical Data

Specifications for FlameShield™ Silicone Rubber Tape (MIL-I-46852 & A-A-59163) Class 2 – Type IM and Type IIM			
Property	Standard	Nominal Test Result or Tolerance	Test Method
Thickness: 1" wide tape	0.250mm 0.500mm 0.750mm 1.000mm	+/- .002"	N/A
Width	13mm, 19mm, 25mm, 38mm, 50mm	+/- .020"	N/A
Length	10.9m	+/- 120mm	N/A
Color	Oxide-Red or Black	N/A	N/A
Guideline Color (Type II)	0.500mm Tapes: Blue 0.750mm Tapes: White 1.000mm Tapes: Green	N/A	N/A
Operating Temperature	-60°C to +260°C -76°C to +500°F	N/A	N/A
Brittle Temperature	-65°C / -85°F	N/A	N/A
Interleave Material	.002" thick Mylar	N/A	N/A
Tensile Strength	4800 kPa (minimum)	7400	ASTM D412 / D119
Dielectric Strength	0.250mm tape: 400 V/mil 0.500mm tape: 400 V/mil 0.750mm tape: 400 V/mil 1.000mm tape: 300 V/mil	575	ASTM D-149
Dielectric Constant		2.94 @ 1Khz	ASTM D150
Volume Resistivity	1.7 x 10 ¹⁴ nanoohm metre	3 x 10 ¹⁴	ASTM D149
Elongation	300% (minimum)	700	ASTM D412 / D119
Tear Strength	85 psi (minimum)	146	ASTM D624
Bond Strength (25mm Width)	0.9 kilogram-force	2.6	ASTM D2148
Adhesion	Shall not unwind more than 1.0" after 3 minutes with 600g load	0.12"	ASTM D2148
Inclined Mandrel Tack Test (inch)		0.25	ASTM D2148
Water absorption (by wt)	3% Maximum	0.9%	FED-STD-601 Method 6251
Dissipation Factor		<0.0004 @ 1 Khz	ASTM D150
Hardness, durometer Shore A	55 - 65	55	ASTM D2148 / D2240
Flame Test		Pass	FAA 60 Sec Vertical

MIL-I-22444 Silicone Rubber Supported/Reinforced Self Fusing Compression & Stretch Electrical Insulation Tape

500°F / 260°C: FlameShield™ Meets MIL-I-22444 and ASNA 5107 Specifications

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather and cryogenic performance.
- Excellent for sealing ends of firesleeve: prevents sleeve from contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- Meets Mil-i-22444 and ASNA 5107 specifications; certification available.
- Sinusoidal Fiberglass Reinforced with either 15% maximum stretch (SB15) or 25% maximum stretch (SA25) until failure of the reinforcement web.
- Used as a compression protection tape under wiring connector clamping collars.

Clear version of tape shows reinforcement layer – normally supplied in Oxide-Red or Black Color

- Equivalent to MOX SA and MOX SB series tapes SB01020, SB00520, SB01015, SB01050 & SA00520, SA01020, SA03030, SA01015; DMS-2186 Type I, EMD/EMS 2074; General Dynamics P5189 & 5-00857; General Electric A50A493-C/D & A50E112; Grumman GT353V; RMS315 Type I; Simmonds 151274 (black); IBM 6084744; RL6000SA; RL6000SB; 68N, 69N, 78N, 79N; NSN 5970-01-325-8971; NSN 5970-00-841-1172; NSN 5970-14-464-7312

FlameShield™ MIL Spec High Temperature Silicone Self Fusing Compression/Stretch Tape Meets MIL-I-22444 Type I

Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
T-SR-SB15-M013-08-XX-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 56.33
T-SR-SA25-M013-08-XX-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 56.33
T-SR-SB15-68N-5970-14-464-7312-OR	3/4 / 19	0.012 / 0.3	I / Rectangular	\$ 61.37
T-SR-SB15-69N-BK	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 64.82
T-SR-SB15-78N-OR	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
T-SR-SB15-79N-BK	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
T-SR-SB15-M025-16-XX-20	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29
T-SR-SA25-M025-16-XX-20	1 / 25	0.020 / 0.5	I / Rectangular	\$ 67.29

Please enquire for pricing on sizes other than those listed above.

This tape can be made in thicknesses from 0.010" to 0.080" and in various widths.

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres.
- For the XX value (color code): OR = Oxide-Red, BK = Black. Clear & other colors available.
- Certificate of Conformity: Add \$6.00 for individual roll CofC. Lot/Batch CofC \$25.00 per order line item.
- Test Report: Add \$75.00 per order line item.

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

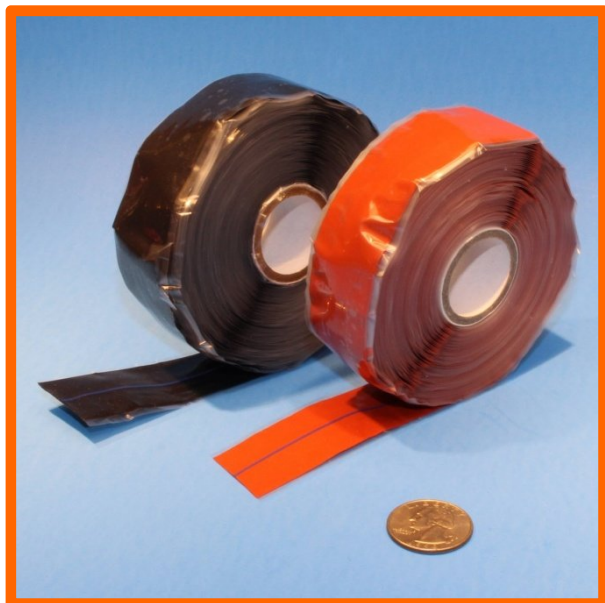
Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Boeing DMS 2186 Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ - Meets Boeing DMS 2186 Specifications – Available as DMS 2186 Type I & Type II

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Meets Boeing DMS2186 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Type I meets MIL-I-22444 specifications. Type II meets Mil-I-46852, AA59163 and other proprietary specifications.
- Meets FAR 25.853 Appendix F, section a, 1, iv – Horizontal burn rate.
- Supplied with Certification.
- Available in Oxide-Red or Black. Oxide-Red is typically stock.

FlameShield™ Boeing DMS 2186 Type I and Type II High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Single Roll Price
BOEING DMS 2186 Type I (meets MIL-I-22444)			
T-SR-BOEING-DMS2186-1S-0.75-20-XX	¾ / 19	0.020 / 0.51	\$ 63.96
T-SR-BOEING-DMS2186-1S-1.00-20-XX	1 / 25	0.020 / 0.51	\$ 88.96
BOEING DMS 2186 Type II (meets MIL-I-46852 / AA-59163)			
T-SR-BOEING-DMS2186-2-1.00-20-XX	1 / 25	0.020 / 0.51	\$ 45.46
T-SR-BOEING-DMS2186-2-1.00-30-XX	1 / 25	0.030 / 0.76	\$ 59.10
T-SR-BOEING-DMS2186-2-1.00-40-XX	1 / 25	0.040 / 1.01	\$ 72.97
T-SR-BOEING-DMS2186-2-1.25-50-XX	1 1/4 / 32	0.050 / 1.27	\$ 83.91
T-SR-BOEING-DMS2186-2-1.25-60-XX	1 1/2 / 38	0.060 / 1.52	\$ 96.74
T-SR-BOEING-DMS2186-2-1.25-80-XX	1 1/2 / 38	0.080 / 2.03	\$ 112.12

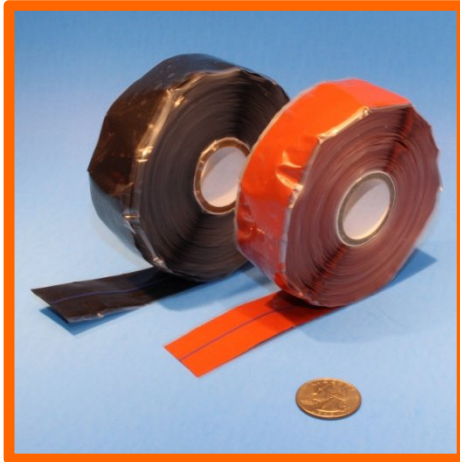
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black
- DMS2186 specification does not allow tapes to be thinner than .020"

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Recertification is available.

Lockheed Martin Astronautics MMS J517 Type I & Type II Silicone Rubber Tape

500°F / 260°C: FlameShield™ Self Fusing Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other specifications.
- Supplied with Certification.

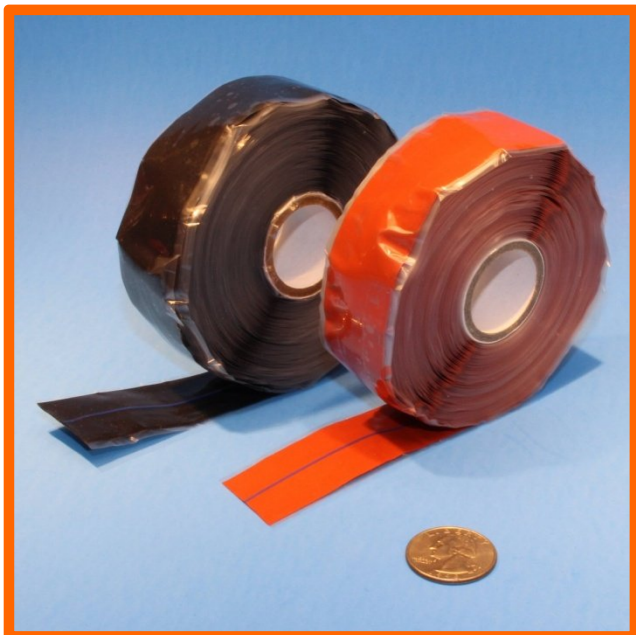
FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape – Meets MMS J517 Type I and Type II Specifications

Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
MMS J517 Type I			
T-SR-MMSJ517-1-08-10	1/2 / 13	0.010 / 0.25	\$ 27.12
T-SR- MMSJ517-1-08-20	1/2 / 13	0.020 / 0.51	\$ 28.66
T-SR-MMSJ517-1-08-30	1/2 / 13	0.030 / 0.76	\$ 30.46
T-SR-MMSJ517-1-12-10	3/4 / 19	0.010 / 0.25	\$ 29.55
T-SR-MMSJ517-1-12-20	3/4 / 19	0.020 / 0.51	\$ 31.28
T-SR-MMSJ517-1-12-30	3/4 / 19	0.030 / 0.76	\$ 34.81
T-SR-MMSJ517-1-16-10	1 / 25	0.010 / 0.25	\$ 30.93
T-SR-MMSJ517-1-16-20	1 / 25	0.020 / 0.51	\$ 33.80
T-SR-MMSJ517-1-16-30	1 / 25	0.030 / 0.76	\$ 36.91
T-SR-MMSJ517-1-20-10	1.25 / 32	0.010 / 0.25	\$ 38.77
T-SR-MMSJ517-1-20-20	1.25 / 32	0.020 / 0.51	\$ 40.21
T-SR-MMSJ517-1-20-30	1.25 / 32	0.030 / 0.76	\$ 42.37
T-SR-MMSJ517-1-24-10	1.50 / 38	0.010 / 0.25	\$ 43.66
T-SR-MMSJ517-1-24-20	1.50 / 38	0.020 / 0.51	\$ 47.82
T-SR-MMSJ517-1-24-30	1.50 / 38	0.030 / 0.76	\$ 55.37
MMS J517 Type II			
T-SR-MMSJ517-2-16-20-XX	1 / 25	0.020 / 0.51	\$ 33.80
T-SR-MMSJ517-2-16-30-XX	1 / 25	0.030 / 0.76	\$ 42.88
T-SR-MMSJ517-2-16-40-XX	1 / 25	0.040 / 1.01	\$ 47.37
T-SR-MMSJ517-2-20-50-XX	1 1/4 / 32	0.050 / 1.27	\$ 53.91
T-SR-MMSJ517-2-24-60-XX	1 1/2 / 38	0.060 / 1.52	\$ 56.74
T-SR-MMSJ517-2-24-80-XX	1 1/2 / 38	0.080 / 2.03	\$ 63.12

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Lockheed Martin Space Systems 5-00857 & 5-00615 Silicone Tape
500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch
Electrical Insulating Tape
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Meets Lockheed-Martin 5-00857 & 5-00615 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve; prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape Meets Lockheed Martin Space Systems 5-00857 & 5-00615 Specifications			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Specification 5-00857			
T-SR-5-00857-S-X-Y-ZZ	As per specification	As per specification	\$ by quote
Specification 5-00615			
T-SR-5-00615	As per specification	As per specification	\$ 34.71

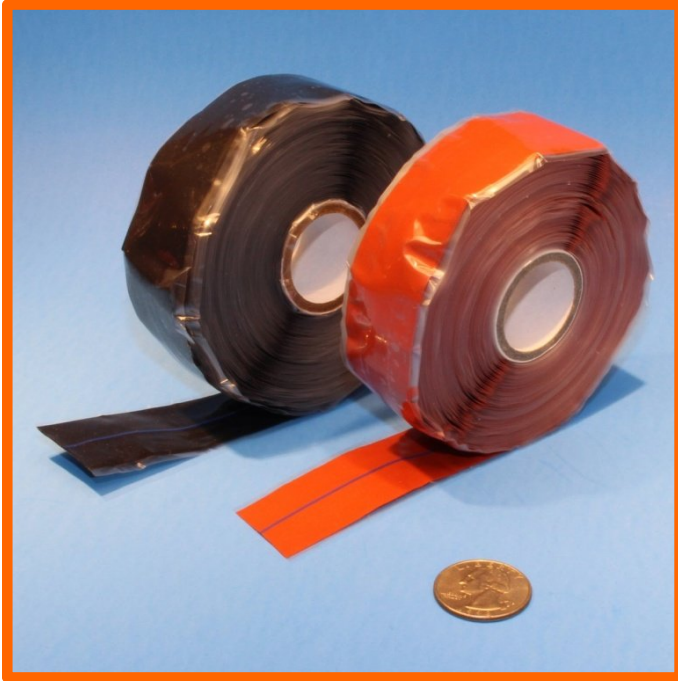
- For the X value, specify width
- For the Y value, specify thickness
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the ZZ value (color code): OR = Oxide-Red, BK = Black

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Lockheed Martin Tactical Systems P5189 Silicone Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch
Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Meets Lockheed-Martin Tactical Systems P5189 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

**FlameShield™ High Temperature Silicone Rubber Self Fusing
Compression/Stretch Electrical Insulating Tape
Meets Lockheed Martin Tactical Systems P5189 Specifications**

Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Specification P5189			
T-SR-P5189-S-08	1/2 / 13	As per specification	\$ 35.81
T-SR-P5189-S-16	1 / 25	As per specification	\$ 46.43

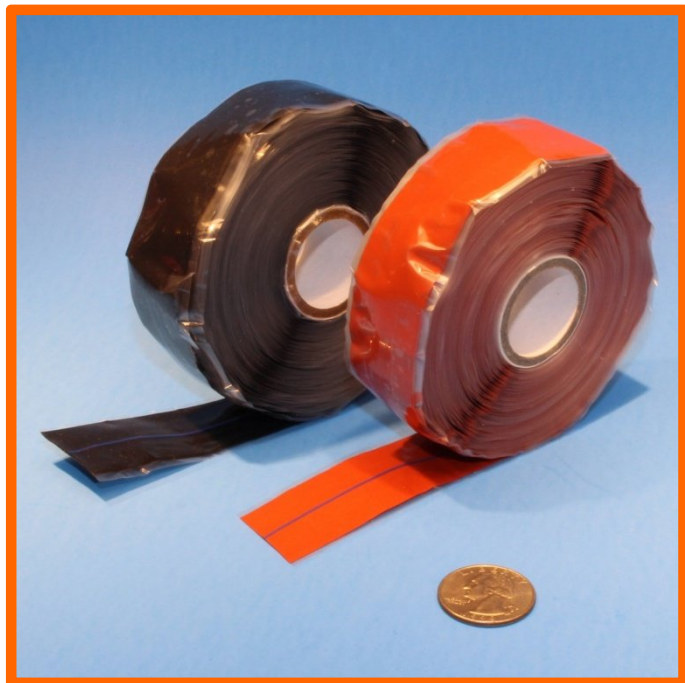
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Lockheed Martin Systems Integration 6084744 Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape Meets Lockheed Martin Systems Integration 6084744 Specifications			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Specification 6084744			
T-SR-6084744-08-S15-XX	1/2 / 13	As per specification	\$ 35.81
T-SR-6084744-16-S15-XX	1 / 25	As per specification	\$ 46.43
T-SR-6084744-08-S25-XX	1/2 / 13	As per specification	\$ 35.81
T-SR-6084744-16-S25-XX	1 / 25	As per specification	\$ 46.43

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black

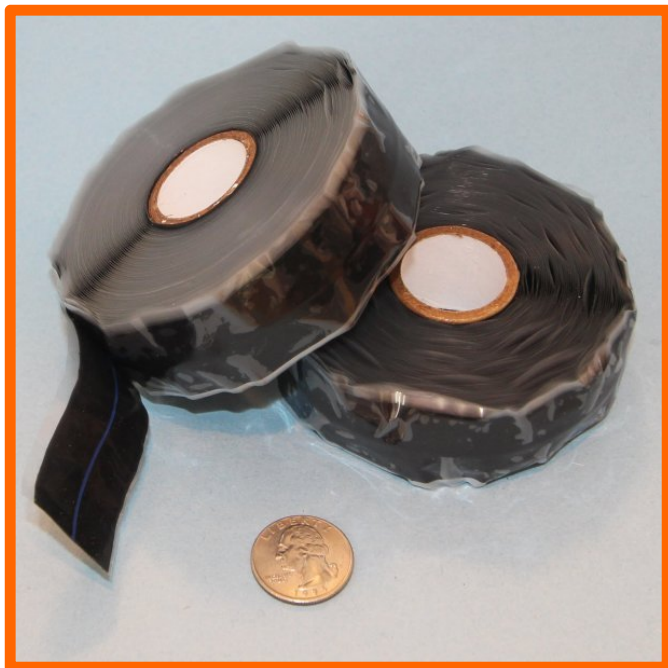
These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

General Dynamics P5384 Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch

Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Meets General Dynamics P5384 specifications.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

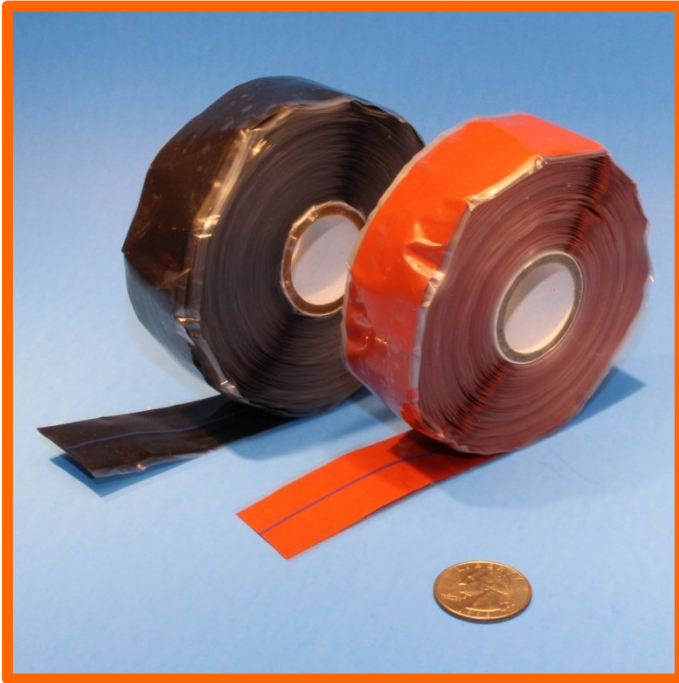
FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Electrical Insulating Tape Meets General Dynamics P5384 Specifications

Part Number	Tape Width Inches / mm	Tape Thickness	Price Per Roll
T-SR-P5384	As per specification	As per specification	\$ 37.91

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- This tape is Black per the specification.

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

UL 94V0 and/or UL 94HB Flamability Standards Silicone Tape
500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch
Electrical Insulating Tape – Flame Retardant
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



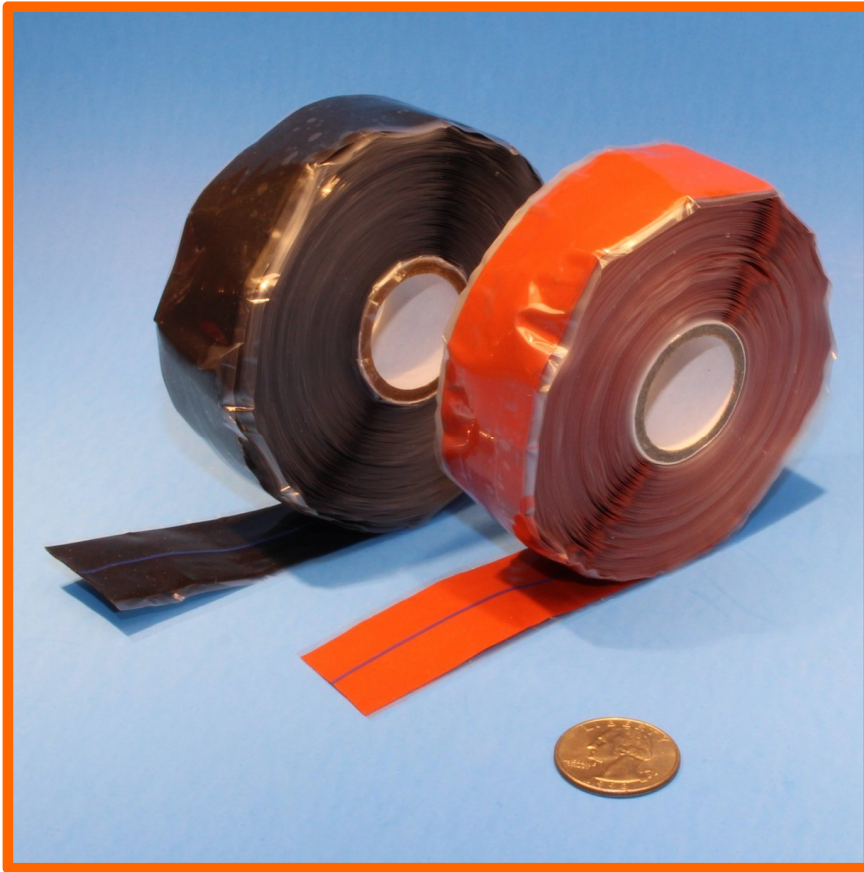
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ MIL Spec High Temperature Silicone Self Fusing
Compression/Stretch Electrical Insulating Tape – Flame Retardant
Meets UL 94V0 and/or UL 94HB Flame Test Standards and
MIL-I-46852 and A-A-59163 Specifications

Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
T-SR-UL-08-RBK-20	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 34.37
T-SR-UL-08-RXX-30	1/2 / 13	0.030 / 0.76	I / Rectangular	\$ 42.16
T-SR-UL-12-RBK-20	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 36.96
T-SR-UL-16-TXX-20	1 / 25	0.020 / 0.5	II / Triangular	\$ 38.80
T-SR-UL-16-RXX-20	1 / 25	0.020 / 0.5	I / Rectangular	\$ 39.71
T-SR-UL-16-TXX-40	1 / 25	0.040 / 1.0	II / Triangular	\$ 42.91
T-SR-UL-24-TXX-60	1 ½ / 38	0.060 / 1.5	II / Triangular	\$ 52.82
T-SR-UL-24-ROR-20	1 ½ / 38	0.020 / 0.5	I / Rectangular	\$ 53.77
T-SR-UL-32-TXX-30	2 / 51	0.030 / 0.76	II / Triangular	\$ 54.26
T-SR-UL-32-RXX-30	2 / 51	0.030 / 0.76	I / Rectangular	\$ 58.73

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres
- Other widths, thicknesses and lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black

Rockwell International ST0130RB0078 Silicone Rubber Tape
500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch
Electrical Insulating Tape
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ Rockwell International ST0130RB0078 High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
ST0130RB0078 Type I Tape			
T-SR-ST0130RB0078-1T	As per specification	As per specification	\$ 33.80
ST0130RB0078 Type II Tape			
T-SR-ST0130RB0078-2R-12	As per specification	0.012 / 0.30	\$ 30.47
T-SR-ST0130RB0078-2R-15	As per specification	0.015 / 0.38	\$ 32.88
T-SR-ST0130RB0078-2R-20	As per specification	0.020 / 0.51	\$ 34.71

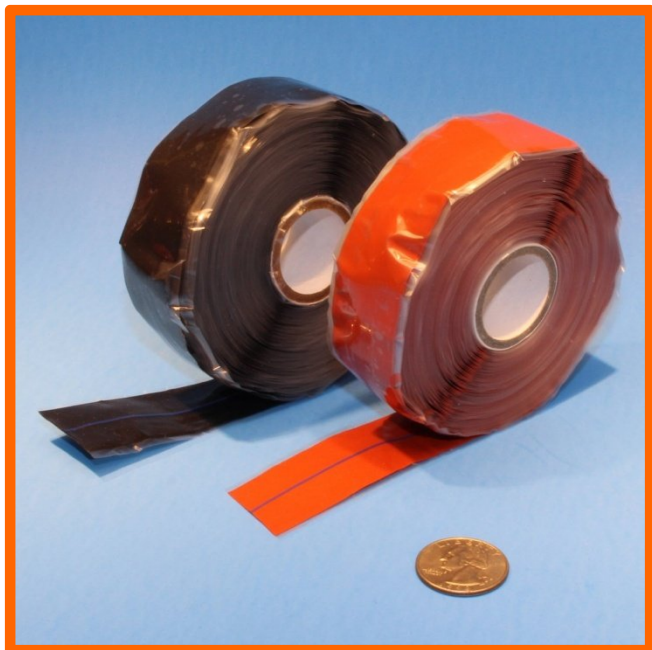
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- All versions of ST0130RB0078 are Oxide-Red

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

General Electric Power Generation A50A493 & 3003M70P Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

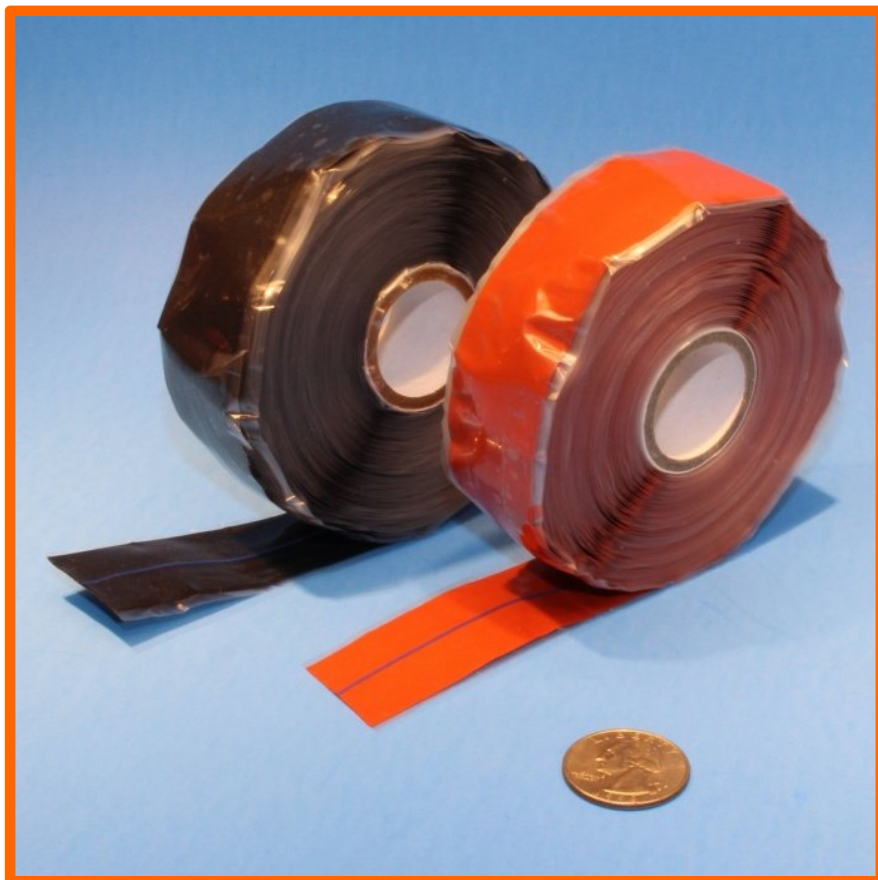
FlameShield™ General Electric Power Generation Standard A50A493 & 3003M70 High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
A50A493A Tape:			
T-SR-GEPPG-93A-T-16-20	1 / 25	0.020 / 0.51	\$ 33.80
A50A493B Tape:			
T-SR-GEPPG-93B-T-16-40	1 / 25	0.040 / 1.02	\$ 37.91
A50A493C Tape:			
T-SR-GEPPG-93C-R-16-20	1 / 25	0.020 / 0.51	\$ 46.43
A50A493D Tape:			
T-SR-GEPPG-93D-R-48-30	3 / 76	0.030 / 0.76	\$ 104.87
3003M70P01 Tape:			
T-SR-GEPPG-P01-T-16-20	1 / 25	0.020 / 0.51	\$ 33.80
3003M70P02 Tape:			
T-SR-GEPPG-P02-R-12-20	3/4 / 19	0.020 / 0.51	\$ 31.96
3003M70P03 Tape:			
T-SR-GEPPG-P03-R-08-20	1/2 / 13	0.020 / 0.51	\$ 29.37
3003M70P04 Tape:			
T-SR-GEPPG-P04-R-24-60	3 / 76	0.060 / 1.52	\$ 48.77

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- All versions of A50A493 are Oxide-Red

General Electric Transportation Systems A50E112 & EMS2074 Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Supplied with Certification.

FlameShield™ General Electric Transportation Systems Standard A50E112 & EMS2074 – Junction Insulation Tape High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
A50E112 Tape & 8355873 Tape			
T-SR-GETS-R-S-16-20	1 / 25	0.020 / 0.51	\$ 33.80
A50E112 Tape & 8355873 Tape High Strength Version			
T-SR-GETS-R-16-30HS	1 / 25	0.030 / 1.02	\$ 44.91

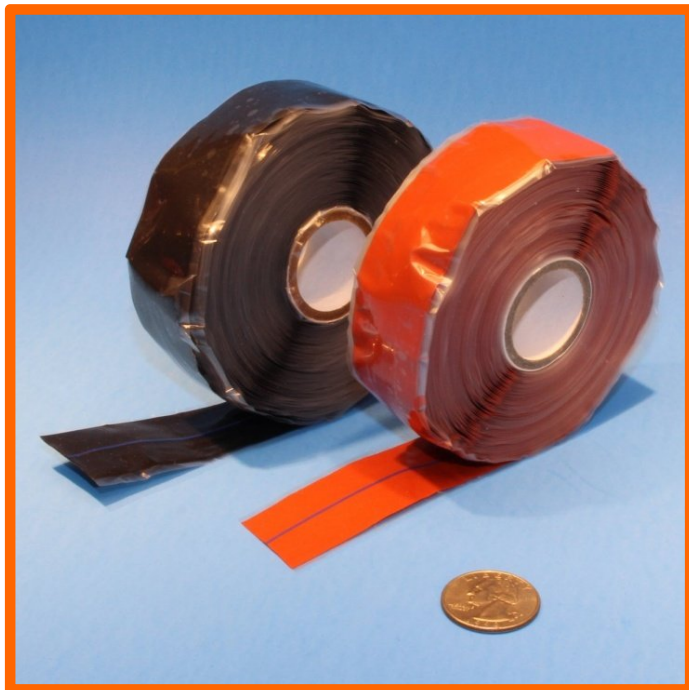
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- Tapes are Oxide-Red
- Standard version is 1362 psi / High Strength version is 1500 psi

These tapes are guaranteed to meet specification for 1 year from date of manufacture providing tapes are stored dry at 21°C +/- 3°C or 70°F +/- 5°F. Standard tapes have an interleaved liner of polyethylene. Polyester liner available.

Rohr RMS315 Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch
 Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant

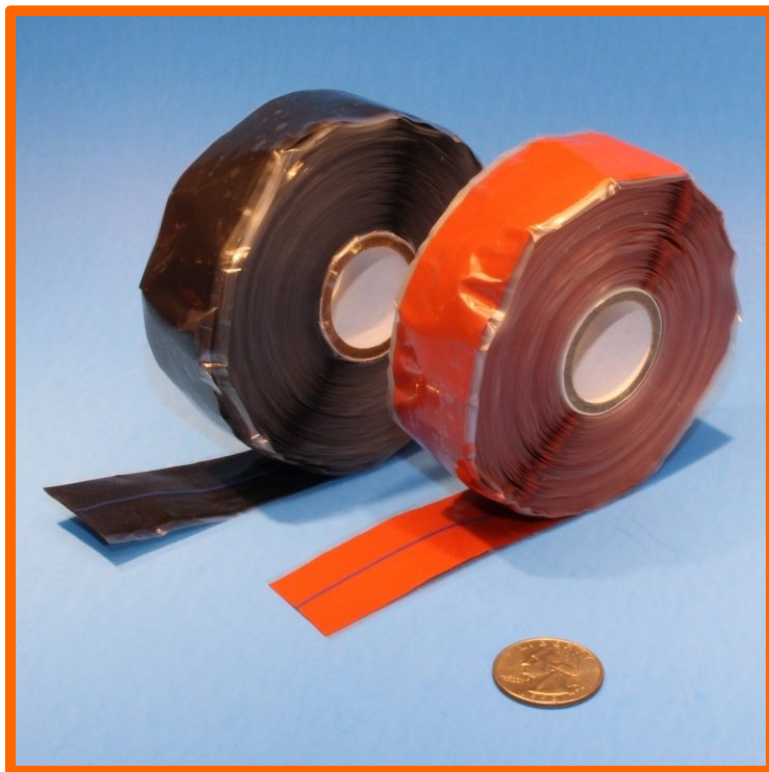


- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Meets FAR 25.853 Appendix F, section a, 1, iv – Horizontal burn rate.
- Supplied with Certification.

FlameShield™ Rohr RMS315 Tape High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
Rohr RMS315 Type I Tape			
T-SR-RMS315-S-08-20-XX	1/2 / 13	As per specification	\$ 47.76
T-SR-RMS315-S-16-12-XX	1 / 25	As per specification	\$ 64.29
T-SR-RMS315-S-16-20-XX	1.25 / 32	As per specification	\$ 67.96
Rohr RMS315 Type II Tape			
T-SR-RMS315-2T-20-XX	As per specification	0.020 / 0.51	\$ 33.80
T-SR-RMS315-2T-30-XX	As per specification	0.030 / 0.76	\$ 35.71
T-SR-RMS315-2T-A-40-XX	As per specification	0.040 / 1.01	\$ 37.33
T-SR-RMS315-2T-B-40-XX	As per specification	0.040 / 1.01	\$ 42.87
T-SR-RMS315-2T-A-50-XX	As per specification	0.050 / 1.01	\$ 44.63
T-SR-RMS315-2T-B-50-XX	As per specification	0.050 / 1.01	\$ 47.37
T-SR-RMS315-2T-60-XX	As per specification	0.060 / 1.01	\$ 49.88
T-SR-RMS315-2T-70-XX	As per specification	0.070 / 1.01	\$ 52.67
Rohr RMS315 Type III Tape			
T-SR-RMS315-3R	As per specification	As per specification	\$ 35.62

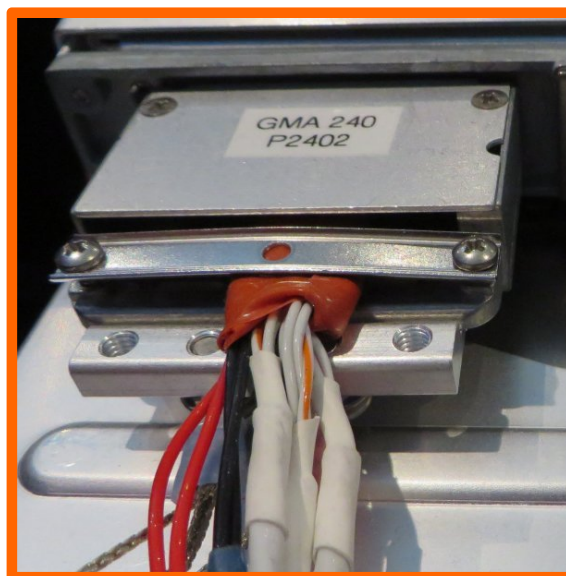
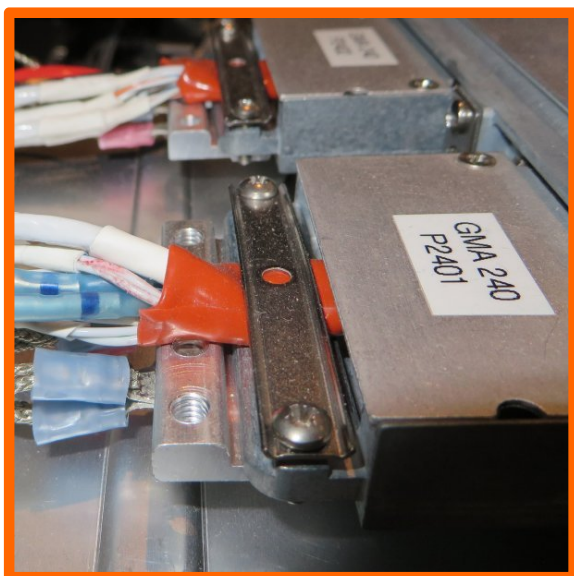
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black

Garmin 249-00114-00 Silicone Rubber Tape
500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch
Electrical Insulating Tape
High Temperature, Heat & Flame Resistant



- Garmin 249-00114-00 tape.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Used to protect wiring at the backshell clamp from clamping damage. Also provides equalization of strain relief.
- Used to build up the diameter of the wire bundle so that the cable clamp on the backshell will hold the wires in situations where too few wires would have resulted in the clamp not contacting the wires, resulting in strain on the connector's internal pins.
- Meets Mil-I-46852 / AA59163 and other proprietary specifications.
- Supplied with Certification.

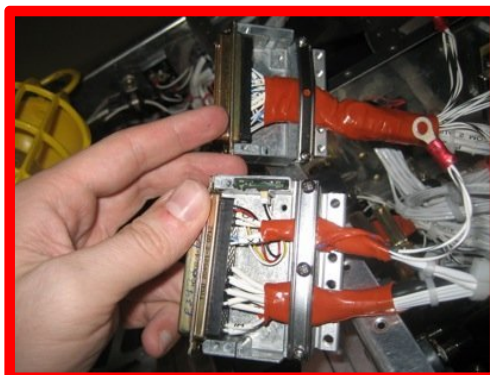
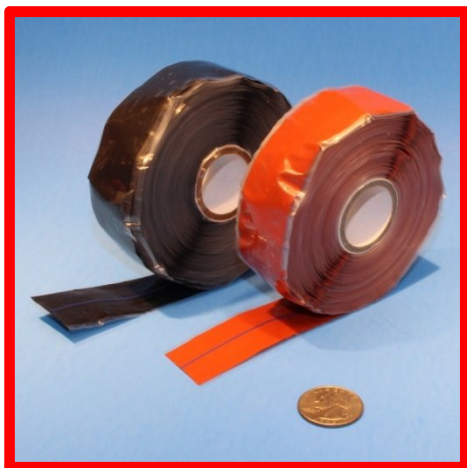
FlameShield™ High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape Garmin 249-00114-00			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
T-SR-Garmin-249-00114	As per specification	As per specification	\$ 33.64



Amphenol Connector Backshell Strain Relief Isolation Tape/Bushing

500°F / 260°C: FlameShield™ Silicone Rubber Isolation Tape

High Temperature, Heat & Flame Resistant



- Suitable for all Amphenol round and flat backshell strain relief clamps.
- Equivalent to Garmin 249-00114-00 tape for aviation use.
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing upon contact, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape. Used to protect wiring at the backshell clamp from clamping damage. Also provides equalization of strain relief.
- Used to build up the diameter of the wire bundle so that the cable clamp on the backshell will hold the wires in situations where too few wires would have resulted in the clamp not contacting the wires, resulting in strain on the connector's internal pins.
- Meets all Mil-I-46852 / AA59163 and other proprietary electrical and mechanical specifications. Available as Class 1 Type I and Type II or Class 2 tape Type I and Type II. (Class 1 is inch-pound specification, Class 2 is millimetre-kg specification)
- Available in Oxide-Red, Black. A supported re-enforced version is available. Tape thickness includes .020", .030" and .040". Widths include 0.5", 0.75", 1.00", 1.50", 2.00". Available in Rectangular (Type I) and Triangular (Type II) profiles. Certification available.

Amphenol Connector Backshell Strain Relief Isolation Tape Meets MIL-I-46852 / A-A-59163 / ABS 5334 Specifications - Type I and Type II				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Color / Type / Profile	Single Roll Price Per Roll
T-SR-AMPHENOL-08-RB-20	1/2 / 12.7	0.020 / 0.508	Black / I / Rectangular	\$ 29.37
T-SR-AMPHENOL-08-RX-30	1/2 / 12.7	0.030 / 0.760	Black or Red / I / Rectangular	\$ 37.16
T-SR-AMPHENOL-10-RB-20	5/8 / 15.7	0.020 / 0.508	Black / I / Rectangular	\$ 30.17
T-SR-AMPHENOL-12-RB-20	3/4 / 19	0.020 / 0.508	Black / I / Rectangular	\$ 31.96
T-SR-AMPHENOL-16-TX-20	1 / 25.4	0.020 / 0.508	Black or Red / II / Triangular	\$ 33.80
T-SR-AMPHENOL-16-RX-20	1 / 25.4	0.020 / 0.508	Black or Red / I / Rectangular	\$ 34.71
T-SR-AMPHENOL-16-TX-40	1 / 25.4	0.040 / 1.000	Black or Red / II / Triangular	\$ 37.91
T-SR-AMPHENOL-16-RX-40	1 / 25.4	0.040 / 1.000	Black or Red / I / Rectangular	\$ 39.64
T-SR-AMPHENOL-24-RX-20	1 1/2 / 38.1	0.020 / 0.508	Black or Red / I / Rectangular	\$ 48.77
T-SR-AMPHENOL-24-RX-12	1 1/2 / 38.1	0.012 / 0.304	Black or Red / I / Rectangular	\$ 38.47
Guideline Color on Triangular Tapes Only: .020" = blue / .030" = white / .040" = green				

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the X value (color code): O = Oxide-Red, B = Black

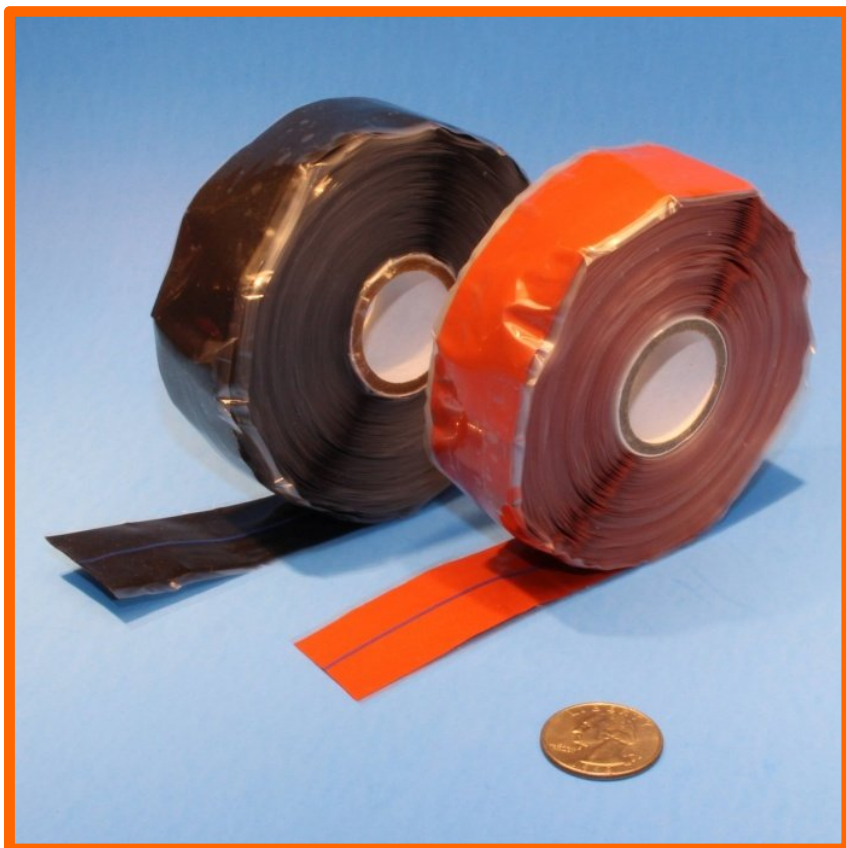
FAR 25.853 - Appendix F Horizontal and Vertical Burn Rate Limits

Silicone Rubber Tape

500°F / 260°C: FlameShield™ Silicone Rubber Self Fusing Compression & Stretch

Electrical Insulating Tape

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 and other proprietary specifications.
- Meets FAR 25.853 Appendix F, section a, 1, iv – Horizontal burn rate.
- Meets FAR 25.853 Appendix F, section a, 1, ii – Vertical burn rate
- Supplied with Certification.

FlameShield™ FAR 25.853 Tape High Temperature Silicone Rubber Self Fusing Compression/Stretch Tape			
Part Number	Tape Width Inches / mm	Tape Thickness Inches / mm	Price Per Roll
FAR 25.853 Type I Tape (Other Widths / Thickness / Lengths Available)			
T-SR-FAR-1-08-20-XX	1/2 / 13	0.020 / 0.51	\$ 37.96
T-SR-FAR-1-16-12-XX	1 / 25	0.012 / 0.30	\$ 37.96
T-SR-FAR-1-16-20-XX	1 / 25	0.020 / 0.51	\$ 43.96
FAR 25.853 Type II Tape (Other Widths / Thickness / Lengths Available)			
T-SR-FAR-2-16-20-XX	1 / 25	0.020 / 0.51	\$ 33.80
T-SR-FAR-2-16-30-XX	1 / 25	0.030 / 0.76	\$ 42.88
T-SR-FAR-2-16-40-XX	1 / 25	0.040 / 1.01	\$ 47.37

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- For the XX value (color code): OR = Oxide-Red, BK = Black

NSN & NATO Mil Spec Silicone Rubber Electrical Insulation Tapes

500°F / 260°C: FlameShield™ MIL Spec Silicone Rubber Self Fusing Compression & Stretch Tape with National Stock Number (NSN & NATO)

Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- May meet Mil-I-46852, AA59163 and many proprietary specifications. Supplied with Certification.

Call for availability and pricing.

These tapes are not interchangeable. The NSN number specifies other parameters of the tape such as thickness, profile, width, reinforcement, rubber formulation, etc.

Some tapes are stock. Non stock items typically are 10 to 15 days to produce. Some may incur minimum order quantity (typically 18, 24, 30 or 36 rolls).



NSN / NATO National Stock Numbers

5970-00-082-3226
5970-00-177-1627
5970-00-446-3928
5970-00-446-8928
5970-00-480-1329
5970-00-782-5056
5970-00-841-1172
5970-00-949-4846
5970-00-955-9976
5970-01-140-5672
5970-01-142-8454
5970-01-147-3595
5970-01-250-8756
5970-01-259-5830
5970-01-263-0373
5970-01-263-3931
5970-01-273-6030
5970-01-276-5277
5970-01-286-7456
5970-01-342-8289
5970-01-358-0397
5970-01-396-1601
5970-01-432-6018
5970-01-491-8992
5970-01-495-5211
5970-01-541-9092
9320-01-552-7024
5970-01-560-3208
8030-01-587-1885
5970-01-600-6091
5970-00-839-0824
5970-14-459-8605
5970-01-485-5980

Color

Black or Red
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Our Part Number

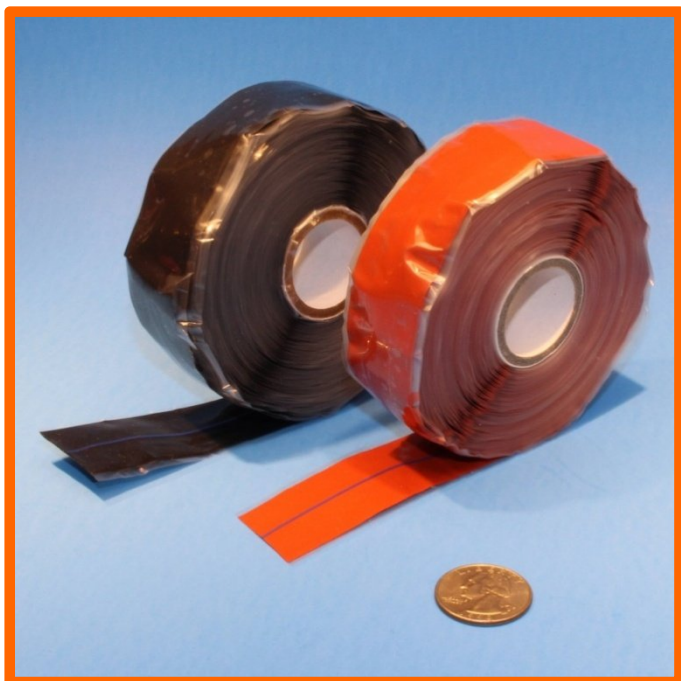
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T-SR-NSN-01-587-1885
T-SR-NSN-01-600-6091
T-SR-NSN-00-839-0824
T-SR-NSN-14-459-8605
T-SR-NSN-01-485-5980

TYT200-1 “No Heat” Silicone Rubber Self Fusing Waterproof Insulating Tape

500°F / 260°C: FlameShield™ - Meets MIL-I-46852 / A-A-59163 & Many Other

Proprietary Specifications

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



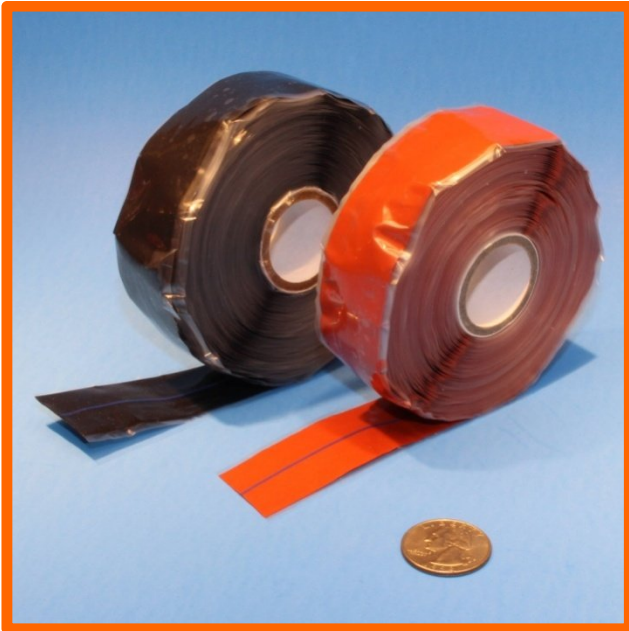
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- Meets Mil-I-46852, AA59163 and many proprietary specifications. Supplied with Certification.

FlameShield™ TYT200-1 ColeFlex “No Heat” Silicone Rubber Self Fusing Insulating Tape – Type I and Type II			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll Type I / Type II
TYT200-1 Type I & Type II			
T-SR-TYT200-1-36-X-YY	1 / 25	0.020 / 0.51	\$ 34.71 / \$ 33.80
T-SR-TYT200-1-14-X-ZZ	1 / 25	0.020 / 0.51	\$ 23.87 / \$ 22.80

- For the X value (Type): I = Type I; II = Type II
- For the YY value (color code): OR = Oxide-Red, BK = Black
- For the ZZ value (color code): OR = Oxide-Red, BK = Black, WH = White, BU = Blue, GR = Green, YL = Yellow
- T-SR-TYT200-1-36 is a stock item; T-SR-TYT200-1-14 minimum order 36 rolls

MOX 602 / MOX 603 / MOX 604 T Series MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: Meets MIL-I-46852 / A-A-59163 & Other Proprietary Specifications
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve; prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 specifications. Certification available.
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available. For the XX value (color code): OR = Oxide-Red, BK = Black. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

MOX 602 / MOX 603 / MOX 604 T Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape - Meets MIL-I-46852 and A-A-59163 Specifications

Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
602 / 603 / 604 Mil-I-46852 / AA59163 Tapes: Type II				
T-SR-MOX-602-.50-TXX	1/2 / 13	0.020 / 0.50	II / Triangular	\$ 29.37
T-SR-MOX-602-.75-TXX	3/4 / 19	0.020 / 0.50	II / Triangular	\$ 31.96
T-SR-MOX-602-1.0-TXX	1 / 25	0.020 / 0.50	II / Triangular	\$ 33.80
T-SR-MOX-602-1.5-TXX	1 1/2 / 38	0.020 / 0.50	II / Triangular	\$ 47.82
T-SR-MOX-603-.50-TXX	1/2 / 13	0.030 / 0.76	II / Triangular	\$ 32.31
T-SR-MOX-603-.75-TXX	3/4 / 19	0.030 / 0.76	II / Triangular	\$ 35.16
T-SR-MOX-603-1.0-TXX	1 / 25	0.030 / 0.76	II / Triangular	\$ 37.18
T-SR-MOX-603-1.5-TXX	1 1/2 / 38	0.030 / 0.76	II / Triangular	\$ 52.60
T-SR-MOX-604-.50-TXX	1/2 / 13	0.040 / 1.0	II / Triangular	\$ 35.54
T-SR-MOX-604-.75-TXX	3/4 / 19	0.040 / 1.0	II / Triangular	\$ 38.68
T-SR-MOX-604-1.0-TXX	1 / 25	0.040 / 1.0	II / Triangular	\$ 40.90
T-SR-MOX-604-1.5-TXX	1 1/2 / 38	0.040 / 1.0	II / Triangular	\$ 57.87

Please enquire for pricing on sizes other than those listed above.

This tape can be made in thicknesses from 0.010" to 0.080" and in various widths.

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

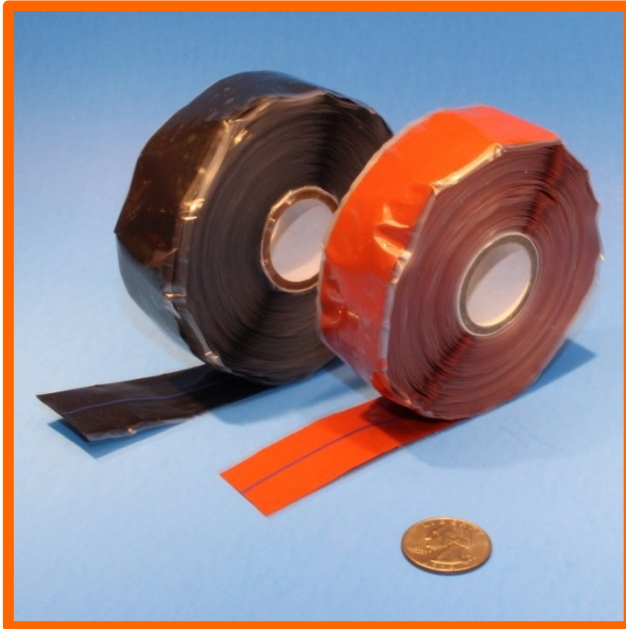
Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

Type II tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing splices and joints with an almost totally smooth surface (prevents snagging when splice pulled through obstructions).

MOX 620 / MOX 630 / MOX 640 R Series MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: Meets MIL-I-46852 / A-A-59163 & Other Proprietary Specifications

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 specifications. Certification available.
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available. For the XX value (color code): OR = Oxide-Red, BK = Black. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$18.00 up to 10 rolls and \$25.00 up to 36 rolls.

MOX 620 / MOX 630 / MOX 640 R Series MIL Spec High Temperature Silicone Self Fusing Electrical Insulating Tape. Meets MIL-I-46852 and A-A-59163 Specifications

Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
620 / 630 / 640 Mil-I-46852 / AA59163 Tapes: Type I				
T-SR-MOX-620-.50-RXX	1/2 / 13	0.020 / 0.50	I / Rectangular	\$ 29.87
T-SR-MOX-620-.75-RXX	3/4 / 19	0.020 / 0.50	I / Rectangular	\$ 32.76
T-SR-MOX-620-1.0-RXX	1 / 25	0.020 / 0.50	I / Rectangular	\$ 34.71
T-SR-MOX-620-1.5-RXX	1 1/2 / 38	0.020 / 0.50	I / Rectangular	\$ 48.92
T-SR-MOX-630-.50-RXX	1/2 / 13	0.030 / 0.76	I / Rectangular	\$ 32.86
T-SR-MOX-630-.75-RXX	3/4 / 19	0.030 / 0.76	I / Rectangular	\$ 36.04
T-SR-MOX-630-1.0-RXX	1 / 25	0.030 / 0.76	I / Rectangular	\$ 38.18
T-SR-MOX-630-1.5-RXX	1 1/2 / 38	0.030 / 0.76	I / Rectangular	\$ 53.81
T-SR-MOX-640-.50-RXX	1/2 / 13	0.040 / 1.0	I / Rectangular	\$ 36.15
T-SR-MOX-640-.75-RXX	3/4 / 19	0.040 / 1.0	I / Rectangular	\$ 39.64
T-SR-MOX-640-1.0-RXX	1 / 25	0.040 / 1.0	I / Rectangular	\$ 41.99
T-SR-MOX-640-1.5-RXX	1 1/2 / 38	0.040 / 1.0	I / Rectangular	\$ 59.19

Please enquire for pricing on sizes other than those listed above.

This tape can be made in thicknesses from 0.010" to 0.080" and in various widths.

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

66N / 67N / 68N / 69N / 78N / 79N Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ Meets MIL-I-46852 / A-A-59163 / MIL-I-22444 & Many Other OEM Specifications

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- Unsupported tape meets Mil-I-46852, AA59163 and many other specifications. Supported tape meets MIL-I-22444 and many other specifications.
- Certification available.

- T-SR-66N-5970-14-467-8824 meets NATO/NSN 5970-14-467-8824 and ABS 5334 specification. Oxide-Red / Red-Brown Color. T-SR-67N-5970-14-474-7041 meets NATO/NSN 5970-14-474-7041 and ABS 5334 specification. Black Color. T-SR-SB15-68N-5970-14-464-7312 meets NATO/NSN 5970-14-464-7312 and ASNA 5107 specification. Oxide-Red / Red-Brown Color.

FlameShield™ 66N / 67N / 68N / 69N / 78N / 79N Silicone Rubber Self Fusing Electrical Insulation Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Unsupported Tape – No Fiberglass Substrate – 300% to 500% Elongation			
T-SR-66N-5970-14-467-8824-OR	0.75 / 19	0.012 / 0.30	\$ 24.64
T-SR-67N-5970-14-474-7041-BK	0.75 / 19	0.020 / 0.51	\$ 26.80
Supported Tape – With Fiberglass Substrate – 15% Maximum Elongation			
T-SR-SB15-68N-5970-14-464-7312-OR	0.75 / 19	0.012 / 0.30	\$ 61.37
T-SR-SB15-69N-BK	0.75 / 19	0.020 / 0.51	\$ 64.82
T-SR-SB15-78N-OR	1.00 / 25	0.020 / 0.51	\$ 67.29
T-SR-SB15-79N-BK	1.00 / 25	0.020 / 0.51	\$ 67.29

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

RL6000SA & RL6000SB Stretchtape™ Equivalent
Silicone Rubber Self Fusing Electrical Insulating Tape
500°F / 260°C: Meets MIL-I-22444, MIL-I-46852 / A-A-59163 & Many Other OEM
Specifications
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- Supported tape meets MIL-I-22444 and many other specifications.
- Certification available.
- Rolls are 12 yards long

RL6000SA & RL6000SB Stretchtape™ Equivalent Silicone Rubber Self Fusing Electrical Insulating Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
Supported Tape – With Fiberglass Substrate – 15% and 25% Maximum Elongation			
T-SR-RL6000SA-XX	1.00 / 25	0.020 / 0.51	\$ 67.29
T-SR-RL6000SB-XX	1.00 / 25	0.020 / 0.51	\$ 67.29

- For the XX value (color code): OR = Oxide-Red, BK = Black

T-SR-RL6000SA-XX equivalent to NSN 5970-01-325-8971

T-SR-RL6000SB-XX equivalent to NSN 5970-00-841-1172

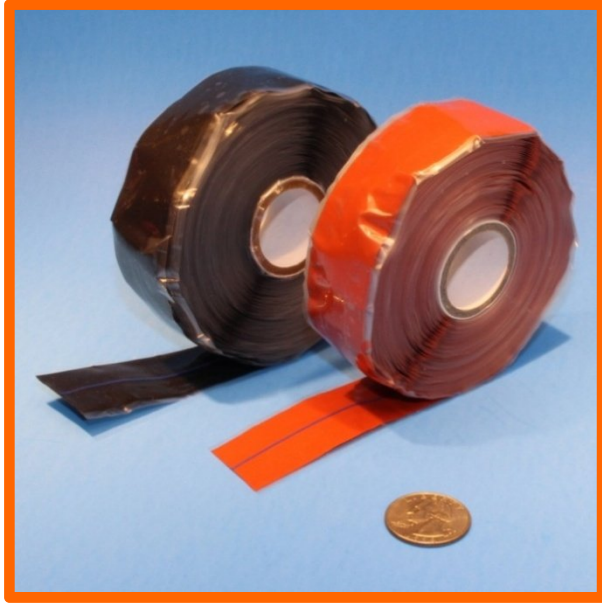
Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Stretchtape™ is a trademark of Kirkhill-TA / Esterline

ABS5334A01B & ABS5334A02R Silicone Rubber Self Fusing Electrical Insulating Tape

500°F / 260°C: FlameShield™ Meets MIL-I-46852 / A-A-59163 & Many Other OEM Specifications

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- Unsupported tape meets Mil-I-46852, AA59163 and many other specifications.
- Certification available.

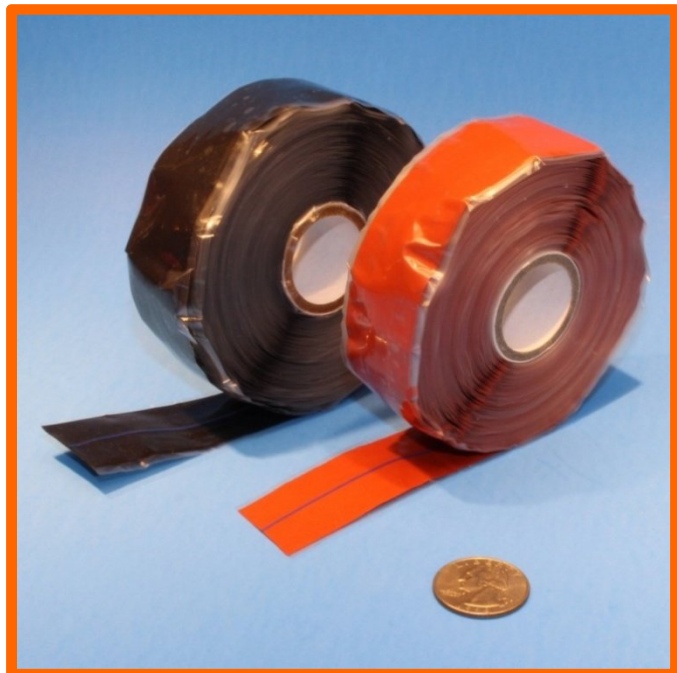
FlameShield™ ABS5334A01B & ABS5334A02R Silicone Rubber Self Fusing Electrical Insulation Tape			
Part Number	Tape Width Inches / mm	Tape Thickness inches / mm	Price Per Roll
T-SR-ABS5334A02R-66N-ROR	0.75 / 19	0.012 / 0.30	\$ 24.64
T-SR-ABS5334A01B-67N-RBK	0.75 / 19	0.020 / 0.51	\$ 26.80

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Tested for short duration fluid resistance: Jet Fuel (JP5), Hydraulic Fluid (Skydrol 500B4), Mineral Oil (NATO 0142), Synthetic Oil (NATO 0156), MIL-C-87836 & Foran 141B cleaning fluids, MIL-A-8243 cooling fluid.

Eaton Weatherhead® A6900W equivalent Silicone Elastomer Tape

Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



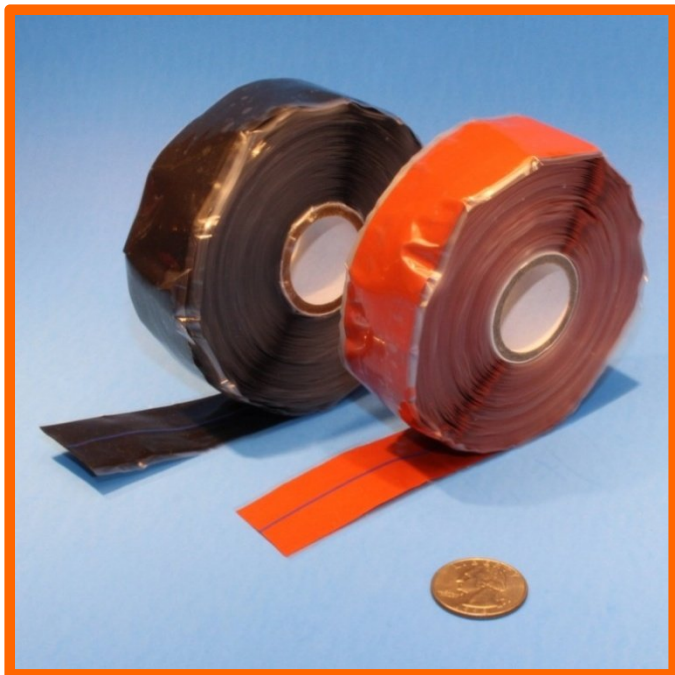
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- Meets Mil-I-46852 and AA59163 specifications. Certification Available.

Eaton Weatherhead® A6900W Equivalent Silicone Rubber Self Fusing Insulating Tape			
Part Number	Tape Width Inches / mm	Tape Length, inches / yards	Price Per Roll
T-SR-A6900W-OR	1 / 25	432 / 12	\$ 33.80
T-SR-A6900W-BK	1 / 25	432 / 12	\$ 33.80

- OR = Oxide-Red, BK = Black

Weatherhead® is a registered trademark of Eaton Hydraulics

Seal-Tite™ P29950 / P28566 / P40630 / P36728 Fusion Wrap
equivalent Silicone Elastomer Tape
Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold temperature performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening. Secures insulation to hot air ducting.
- Meets Mil-I-46852 and AA59163 specifications. Certification Available.
- Standard length is 54 feet. Shorter roll lengths available. Tapes are .020" thick

Seal-Tite™ P29950 / P28566 / P40630 / P36728 Fusion Wrap Equivalent Silicone Rubber Self Fusing Electrical Insulating Tape			
Part Number	Tape Width Inches / mm	Tape Length, inches / yards	Price Per Roll
T-SR-P29950-FL-GY	1 / 25	648 / 18	\$ 44.94
T-SR-P28566-FL-BK	1 / 25	648 / 18	\$ 44.94
T-SR-P40630-FL-CL	1 / 25	648 / 18	\$ 44.94
T-SR-P36728-FL-OR	1 / 25	648 / 18	\$ 44.94
T-SR-P29950-SL-GY	1 / 25	432 / 12	\$ 33.80
T-SR-P28566-SL-BK	1 / 25	432 / 12	\$ 33.80
T-SR-P40630-SL-CL	1 / 25	432 / 12	\$ 33.80
T-SR-P36728-SL-OR	1 / 25	432 / 12	\$ 33.80

- GY = Gray, OR = Oxide-Red, BK = Black, CL = Clear

Seal-Tite™ is a trademark of LAWSON Products

Simrit® – Freudenberg-NOK Equivalent Silicone Tape – Type I & Type II
500°F / 260°C: MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape
Meets MIL-I-46852 / A-A-59163 & Many Other Proprietary Specifications
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



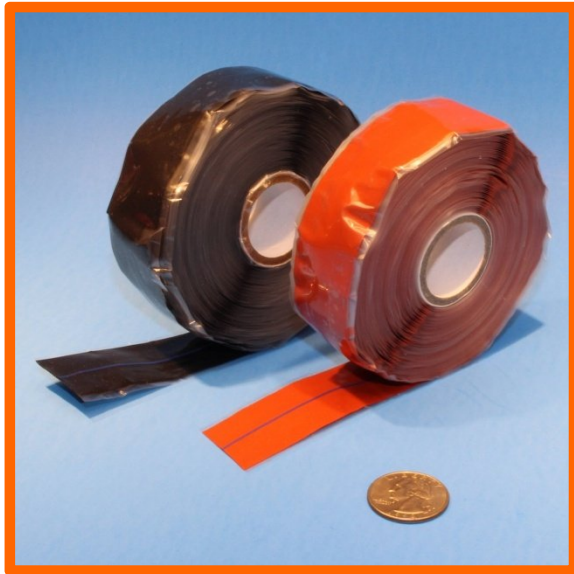
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve; prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 specifications. Certification available.
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available. For the XX value (color code): OR = Oxide-Red, BK = Black. For the "Z" Value: Substitute "CT" for Certified Tape or "NC" for Not Certified. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

Simrit® Equivalent Silicone Tapes Meets MIL-I-46852 / A-A-59163 Specifications Type I & Type II				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
Mil-I-46852 / AA59163 Tapes: Type I				
T-SR-SIMRIT-56756	1 / 25	0.012 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-57063	3/4 / 19	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-57090	1 / 25	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50005	1 ½ / 38	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50006	2 / 51	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-57161	1 / 25	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50022	1 1/4 / 38	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-50039	1/2 / 13	0.030 / 0.76	I / Rectangular	\$ Call
T-SR-SIMRIT-57806	1 / 25	0.030 / 0.76	I / Rectangular	\$ Call
Mil-I-46852 / AA59163 Tapes: Type II				
T-SR-SIMRIT-50014	1 / 25	0.020 / 0.5	II / Triangular	\$ Call
T-SR-SIMRIT-50215	1 / 25	0.030 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-50361	1 / 25	0.040 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-53304	1 1/4 / 38	0.040 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-50573	1 1/4 / 38	0.050 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-56517	1 ½ / 38	0.050 / 0.76	II / Triangular	\$ Call
T-SR-SIMRIT-56265	1 ½ / 38	0.060 / 0.76	II / Triangular	\$ Call

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Simrit® is a registered trademark of Freudenberg NOK

**Simrit® – Freudenberg-NOK Equivalent Silicone Rubber Tape –
 Reinforced & Controlled Elongation
 500°F / 260°C: MIL Spec Silicone Rubber Self Fusing Electrical Insulating Tape
 Meets MIL-I-22444, MIL-I-46852 / A-A-59163 & Many Other OEM Specifications
 Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant**



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets Mil-I-46852 and AA59163 specifications. Certification available.
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available. For the XX value (color code): OR = Oxide-Red, BK = Black. For the "Z" Value: Substitute "CT" for Certified Tape or "NC" for Not Certified. Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.

Simrit® Equivalent Silicone Tapes – Reinforced Controlled Elongation Tape Meets MIL-I-22444, MIL-I-46852 / A-A-59163 Specifications: Type I Supported				
Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
Mil-I-22444 Reinforced Controlled Elongation Tape				
T-SR-SIMRIT-22444-58609	1 / 25	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58607	1 / 25	0.015 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58613	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58611	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58615	1 / 25	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58617	1 / 25	0.020 / 0.5	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58621	1 / 25	0.050 / 0.76	I / Rectangular	\$ Call
T-SR-SIMRIT-22444-58619	1 / 25	0.050 / 0.76	I / Rectangular	\$ Call

Amalgamating time: At 120°C; 120 minutes / at 150°C; 35 minutes / at 200°C; 20 minutes / at 250°C; 15 minutes

Simrit® is a registered trademark of Freudenberg NOK

L-3 Communications Tape, Electrical, Silicone Self-Fusing, Non-Reinforced

500°F / 260°C: Meeting A-A-59163 Class 1, Type I Specifications

Also meets MIL-I-46852 & Many Other OEM Specifications

Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



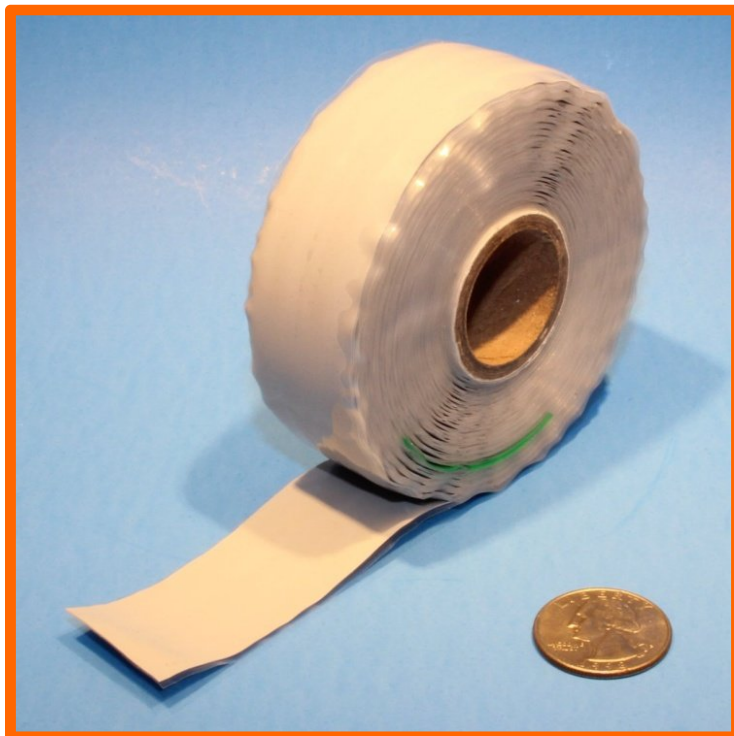
- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for sealing ends of firesleeve: prevents sleeve from absorbing contamination and wicking liquids. Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets A-A-59163 specifications. Certification available.
- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available. Color is Black.
- Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item.
- Cage Code L8347.

L-3 Communications Tape, Electrical, Silicone Self-Fusing, Non-Reinforced

Meets A-A-59163 Specifications: Class 1, Type I

Part Number	Tape Width Inches / mm	Thickness inches / mm	Type / Profile	Single Roll Price Per Roll
T-SR-40014362-000	1/2 / 13	0.020 / 0.5	I / Rectangular	\$ 29.37
T-SR-40014362-001	3/4 / 19	0.020 / 0.5	I / Rectangular	\$ 31.96
T-SR-40014362-002	1 / 25	0.020 / 0.5	I / Rectangular	\$ 34.71
T-SR-40014362-003	1.25 / 32	0.020 / 0.5	I / Rectangular	\$ 41.77

3M™ Scotch® 70 Equivalent Silicone Rubber Electrical Tape
356°F / 180°C: FlameShield™ Meets A-A-59163 & Many Other Proprietary OEM
Specifications
Self Binding Self-Fusing Tape - High Temperature, Heat & Flame Resistant



- Self-bonds / self fuses / self amalgamating. No sticky residue or adhesive when removed. Starts fusing within minutes, fully bonded within hours. Excellent cold weather performance. Makes an excellent compression tape.
- Excellent for wrapping electrical & mechanical connections and splices. Makes clean and neat installations of cables, wires and hoses. Makes an instant separation bumper and provides vibration dampening.
- Meets AA59163 specifications. Certification available.
- Arc and Track Resistant.
- RoHS compliant.
- Roll length is 30 feet.

FlameShield™ High Temperature Silicone Self Fusing Compression/Stretch Tape
Equivalent to 3M™ Scotch® 70
Meets A-A-59163 Specifications

Part Number	Tape Width Inches / mm	Thickness inches / mm	Profile	Color	Single Roll Price Per Roll
T-SR-70	1 / 25	0.012 / 0.30	Rectangular	Blue-Grey	\$ 27.80

Quantity discounts available – 24 rolls per case

Please enquire for pricing on sizes other than those listed above.

This tape can be made in thicknesses from 0.010" to 0.080" and in various widths.

- Add \$6.00 for individual roll CofC. Lot/Batch CofC \$10.00 per order line item

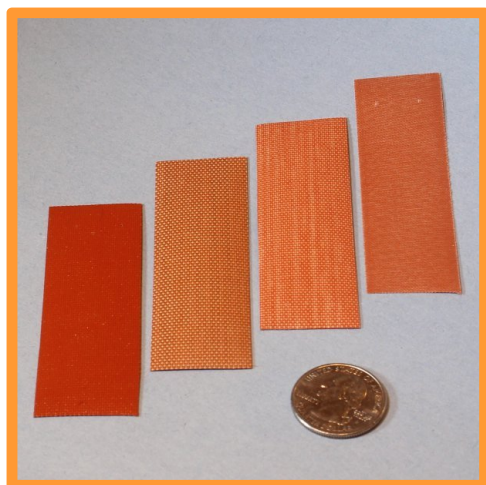
3M ID 80611438617 UPC# 00051128572610 3M Product Number 70-1x30FT

Triangular tapes have a center guideline stripe to assist in making 50% overwraps. The triangular profile version tape allows for minimal ridge lines, providing splices and joints with an almost totally smooth surface (prevents snagging when splice pulled through obstructions).

Scotch® is a registered trademark of the 3M company

GE and EMD Coil Winding Encapsulating Tape – Semi Cured & Uncured Bonding Layers

500°F / 260°C: FlameShield™ Silicone Rubber Meets GE and EMD specifications for traction motors: Many others available



- Available with several construction options:
 - 1) A fiberglass substrate with cured silicone rubber on both sides (one side has a thinner coating layer), with an additional uncured layer on top of the cured layer on one side. Has an interleave.
 - 2) A fiberglass substrate with semi-cured silicone rubber on one side. No interleave.
- Curing: most require a cure cycle of 350F at 50psi for 15 minutes. Post Cure Cycle: 2 to 3 hours at 375-410F. See specific tape data for its curing instructions.
- Supplied with Certification to OEM specification.
- Product is produced as a 36" wide log, from which the tape widths are slit. Typical tape widths are 0.75, 1.00, 1.25 and 1.5". Any other width is available. Complete logs available.
- Photo shows a few of the different versions of available tape, with different substrates weave sizes visible through the thin side coating.

FlameShield™ Coil Winding Encapsulating Tape			
Part Number	OEM Part Number	Tape Thickness Inches / mm	Price Per Roll (Depends on Width)
T-SRUC-84	GE 84A210606P154 GE 84A210606P157	0.020 / 0.51	By Quote
T-SRUC-41	GE 41A239176P70 GE 41A239176P71	0.015 / 0.38	By Quote
T-SRUC-82	EMD 8205562 EMD 8227441 EMD R718024	0.015 / 0.38	By Quote
T-SRUC-71	EMD R718051 / EMD R718077 EMD 8220410 / EMD 40100391 EMD 8257527	0.020 / 0.51	By Quote
T-SRUC-21	GE 21261	0.020 / 0.51	By Quote
T-SRUC-158	GE 84A210606P158	0.011 / 0.28	By Quote

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- All versions are Oxide-Red

These tapes are also used to form various flexible structures such as ducting. They can be wrapped over forms and then cured.

PipeSeal™ Silicone Rubber Self Fusing Compression & Stretch Leak Sealing Tape

Self-Binding Self-Fusing Tape

Superior method of making drain pipe repairs and septic tank inlet pipe leak repair



- Makes a watertight seal that prevents leaks on drain pipe defects.
- Wide temperature range from -50 to +500F
- Makes Septic Tank Pipe Leak repair quick and easy.
- One roll will wrap ten 4" pipe connections.
- Saves time and money by preventing the need to disassemble pipe assembly.
- Widely used on Septic Tank Inlet Pipe joints and elbows. Many older septic installations did not originally glue the pipes, allowing seepage of the septic liquid into the ground and in contact with basement walls and floor slabs – resulting in a sewer gas smell in the home.



LeakSeal™ Drain Pipe Leak Repair Tape

Part Number	Tape Width Inches / mm	Tape Thickness	Price Per Roll
T-SR-LeakSeal	1 ½" / 39	.020	\$ 48.77

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- This tape is available Black or Oxide-Red.

Sealing Tape for Stovepipe and Stainless Steel Flue Gas Duct

DuctSeal™ Silicone Rubber Self Fusing Leak Sealing Tape

Self-Binding Self-Fusing Tape

Helps to reduce combustion smells by sealing the seams of round duct work on wood stoves, pellet stoves, propane and natural gas stoves and bio-fuel stoves



- Seals the seams on combustion stove pipe, reduces the smell due to leakage of exhaust flue gas.
- Easy to apply and remove.
- No sticky glue to create a mess and gum up parts.
- Available in Oxide-red or Black.
- Can be applied to hot or cold pipe.
- Wide temperature range from -50 to +500F.
- Popular for use on Simpson M&G DuraVent® and PelletVent® pipe.



DuctSeal™ Stove Pipe Seam Sealing Tape			
Part Number	Tape Width Inches / mm	Tape Thickness	Price Per Roll
T-SR-DuctSeal	1" / 25	.020	\$ 33.80

- Standard roll length is 36 feet / 12 Yards / 10.9 Metres; other lengths available.
- This tape is available Black or Oxide-Red.